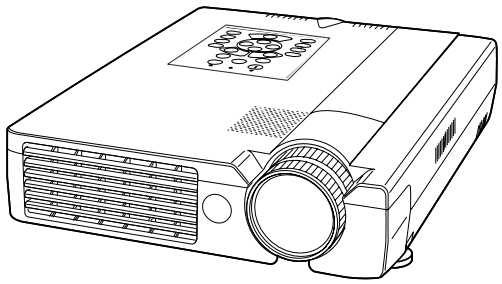
SHARP SERVICE MANUAL

S09P7XG-NV7XU



DLP PROJECTOR

IMAGE QUALITY

MODEL **XG-NV7XU**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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SHARP CORPORATION

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The contents are subject to change without notice.

Specifications

Product type	Digital Multimedia Projector
Model	XG-NV7XU
Video system	PAL/SECAM/NTSC 3.58/NTSC 4.43/DTV 480P/DTV 720P/DTV 1080I
Display method	Single panel Digital Micromirror Device™ (DMD™) by Texas Instruments
DMD panel	Panel size: 55/64″ (21.8 mm), 1 chip XGA DMD No. of dots: 786,432 dots (1,024 [H] × 768 [V])
Lens	1–1.2× zoom lens, F2.7–3.0, f = 35–42 mm
Projection lamp	P-VIP lamp, 120 W
Contrast ratio	500:1
Video input signal	RCA Connector: VIDEO, composite video, 1.0 Vp-p, sync negative, 75 Ω terminated RCA Connector: AUDIO, 0.5 Vrms more than 22 kΩ (stereo)
S-video input signal	4-pin mini DIN connector Y (luminance signal): 1.0 Vp-p, sync negative, 75 Ω terminated C (chrominance signal): Burst 0.286 Vp-p, 75 Ω terminated
Component input signal	15-pin mini D-sub connector Y: 1.0Vp-p, Sync negative, 75Ω terminated PB: 0.7Vp-p, 75Ω terminated PR: 0.7Vp-p, 75Ω terminated
Horizontal resolution	520 TV lines (video input), 750 TV lines (DTV 720P input, Dot by Dot)
Audio output	2 W (monaural)
Computer RGB input signal	15-PIN MINI D-SUB CONNECTOR (INPUT 1): RGB separate/composite sync/sync on green type analog input: 0–0.7 Vp-p, positive, 75 Ω terminated STEREO MINIJACK: AUDIO, 0.5 Vrms, more than 22 kΩ (stereo) HORIZONTAL SYNC. SIGNAL: TTL level (positive/negative) or composite sync (Apple only) VERTICAL SYNC. SIGNAL: Same as above
Digital input signal	20-PIN DIGITAL CONNECTOR (INPUT 2): TMDS/PanelLink
Pixel clock	12–230 MHz
Vertical frequency	43–200 Hz
Horizontal frequency	15–126 kHz
Computer control signal	9-pin mini-DIN male connector (RS-232C Input Port)
Speaker system	1 37/64″ × 1 3/16″ (4 × 3 cm) oval
Rated voltage	AC 110–120/220–240 V
Input current	1.0 A/1.9 A
Rated frequency	50/60 Hz
Power consumption	197 W
Operating temperature	41°F to 95°F (+5°C to +35°C)
Storage temperature	14°F to 140°F (−10°C to +60°C)
Cabinet	Magnesium alloy (Front panel and rear terminal panel constructed of plastic)
I/R carrier frequency	38 kHz
Laser pointer of remote control	Wave length: 650 nm / Max. output: 1 mW / Class II Laser Product
Dimensions (approx.)	9 1/4″ (W) × 2 9/32″ (H) × 12 19/64″ (D) (235 × 58 × 312.5 mm) (main body only) 9 1/4″ (W) × 3 15/64″ (H) × 12 43/64″ (D) (235 × 82 × 321.8 mm) (including adjustment feet and projecting parts)
Weight (approx.)	6.28 lbs. (2.85 kg)
Supplied accessories	Remote control, Two AA size batteries, Power cord (11′ 10″, 3.6 m), Computer cable (9′ 10″, 3 m), Computer audio cable (9′ 10″, 3 m), Mouse control serial cable (3′ 3″, 1 m), Mouse control cable for IBM PS/2 (3′ 3″, 1 m), Mouse control cable for Mac (6 45/64″, 17 cm), DIN-D-sub RS-232C cable (6 45/64″, 15 cm), Remote mouse receiver, Carrying bag, Lens cap (attached), Lens cap strap, CD-ROM, Projector operation manual, Projector quick reference, Sharp Advanced Presentation Software operation manual, Sharp Advanced Presentation Software quick reference, IrDA driver installation instruction sheet
Replacement parts	Remote control (RRMCG1530CESA), AA size batteries, Power cord (QACCU5013CEZZ), Computer cable (QCNW-5304CEZZ), Computer audio cable (QCNW-4870CEZZ), Mouse control serial cable (QCNW-5112CEZZ), Mouse control cable for IBM PS/2 (QCNW-5113CEZZ), Mouse control cable for Mac (QCNW-5114CEZZ), DIN-D-sub RS-232C cable (QCNW-5288CEZZ), Remote mouse receiver (RUNTK0661CEZZ), Carrying bag (GCASN0003CESA), Lens cap (GCOVH1308CESA), Lens cap strap (UBNDT0012CEZZ), CD-ROM (UDSKA0009CE01), Projector operation manual (TINS-6786CEZZ), Projector quick reference (TINS-6787CEZZ), Sharp Advanced Presentation Software operation manual (TINS-6888CEZZ), Sharp Advanced Presentation Software quick reference (TINS-6788CEZZ), IrDA driver installation instruction sheet (TCAUZ3046CEZZ)

This SHARP projector uses a DMD panel. This very sophisticated panel contains 786,432 pixels. As with any high technology electronic equipment such as large screen TVs, video systems and video cameras, there are certain acceptable tolerances that the equipment must conform to.

This unit has some inactive pixels within acceptable tolerances which may result in inactive dots on the picture screen. This will not affect the picture quality or the life expectancy of the unit.
If you have any questions about this matter, please call toll free 1-800-BE-SHARP (1-800-237-4277). U.S.A. ONLY

Specifications are subject to change without notice.

IMPORTANT SERVICE SAFETY NOTES

■ **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and servicing guidelines as follows:**

WARNING

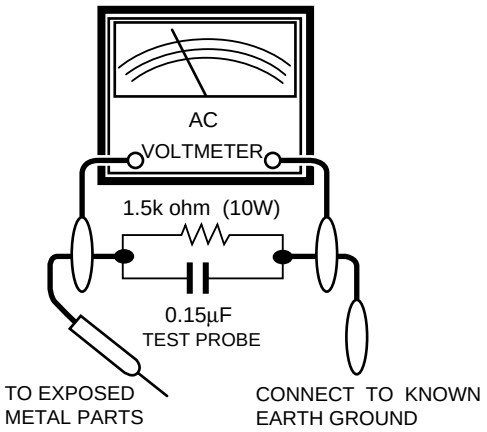
1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

BEFORE RETURNING THE PROJECTOR: (Fire & Shock Hazard)

Before returning the projector to the user, perform the following safety checks:

1. Inspect lead wires are not pinched between the chassis and other metal parts of the projector.
2. Inspect all protective devices such as non-metallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for current leakage in the following manner:

- Plug the AC cord directly into a 120-volt AC outlet, (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in parallel between all exposed metal cabinet parts and earth ground.
- Use an AC voltmeter with sensitivity of 5000 ohm per volt., or higher, sensitivity to measure the AC voltage drop across the resistor (See Diagram).
- All checks must be repeated with the AC plug connection reversed. (If necessary, a non-polarized adapter plug must be used only for the purpose of completing these checks.)
  Any reading of 0.3 volts RMS (this corresponds to 0.2 milliamp. AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the unit to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in DLP Projector have special safety-related characteristics.
These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the Replacement Parts Lists and Schematic Diagrams. For continued protection, replacement parts must be identical to those used in the original circuit. The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

WARNING: The bimetallic component has the primary conductive side exposed. Be very careful in handling this component when the power is on.

AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les projecteur à DLP présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue.
Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.
Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque "⚠" et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques. Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies ou autres accidents.

AVERTISSEMENT: La composante bimétallique dispose du conducteur primaire dénudé. Faire attention lors de la manipulation de cette composante sous tension.

NOTE TO SERVICE PERSONNEL

UV-RADIATION PRECAUTION

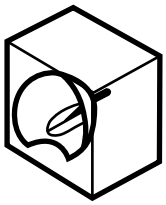
The light source, metal halide lamp, in the DLP projector emits small amounts of UV-Radiation.

AVOID DIRECT EYE AND SKIN EXPOSURE.

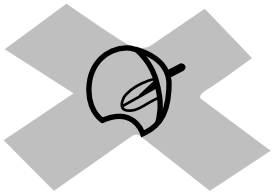
To ensure safety please adhere to the following:

1. Be sure to wear sun-glasses when servicing the projector with the lamp turned “on” and the top enclosure removed.

2. Do not operate the lamp outside of the lamp housing.



3. Do not operate for more than 2 hours with the enclosure removed.



UV-Radiation and Medium Pressure Lamp Precautions

1. Be sure to disconnect the AC plug when replacing the lamp.
2. Allow one hour for the unit to cool down before servicing.
3. Replace only with same type lamp. Type CLMPF0078DE01 or BQC-XGNV7XU/1 rated 85V/120W.
4. The lamp emits small amounts of UV-Radiation, avoid direct-eye contact.
5. The medium pressure lamp involves a risk of explosion. Be sure to follow installation instructions described below and handle the lamp with care.

NOTE POUR LE PERSONNEL D’ENTRETIEN

PRECAUTION POUR LES RADIATIONS UV

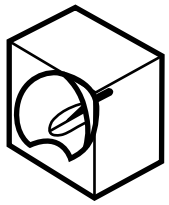
La source de lumière, la lampe métal halide, dans le projecteur DLP émet de petites quantités de radiation UV.

EVITEZ TOUTE EXPOSITION DIRECTE DES YEUX ET DE LA PEAU.

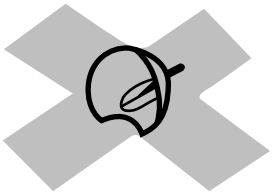
Pour votre sécurité, nous vous prions de respecter les points suivants:

1. Toujours porter des lunettes de soleil lors d’un entretien du projecteur avec la lampe allumée et le haut du coffret retiré.

2. Ne pas faire fonctionner la lampe à l’extérieur du boîtier de lampe.



3. Ne pas faire fonctionner plus de 2 heures avec le coffret retiré.



Précautions pour les radiations UV et la lampe moyenne pression

1. Toujours débrancher la fiche AC lors du remplacement de la lampe.
2. Laisser l’unité refroidir pendant une heure avant de procéder à l’entretien.
3. Ne remplacer qu’avec une lampe du même type. Type CLMPF0078DE01 or BQC-XGNV7XU/1, caractéristique 85V/120W.
4. La lampe émet de petites quantités de radiation UV- éviter tout contact direct avec les yeux.
5. La lampe moyenne pression implique un risque d’explosion. Toujours suivre les instructions d’installation décrites ci-dessous et manipuler la lampe avec soin.

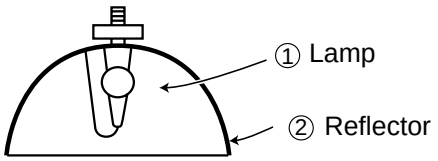
UV-RADIATION PRECAUTION (Continued)

■ Lamp Replacement

Note:

Since the lamp reaches a very high temperature during units operation replacement of the lamp should be done at least one hour after the power has been turned off. (to allow the lamp to cool off.) Installing the new lamp, make sure not to touch the lamp (bulb) replace the lamp by holding its reflector ②.

[Use original replacement only.]



DANGER ! — Never turn the power on without the lamp to avoid electric-shock or damage of the devices since the stabilizer generates high voltages at its start.

Since small amounts of UV-Radiation are emitted from an opening between the duct cover and the lamp housing, it is recommended to place the LENS CAP on the opening during servicing to avoid eye and skin exposure (Fig. 1).

Notes:

- The internal parts of this model are cooled down with the top panel tightly closed. If the power is kept on for a long time with the top panel open, the power may be turned off or the lamp may go out. To avoid this during servicing, place the service cover over the lamp and the cooling fan.
- Place the lens cap over the service cover.
- Please obtain a lens cap before servicing a model XG-NV7XU that is received without one.
- The color wheel is running at high speed. Do not touch it nor bring anything nearby.

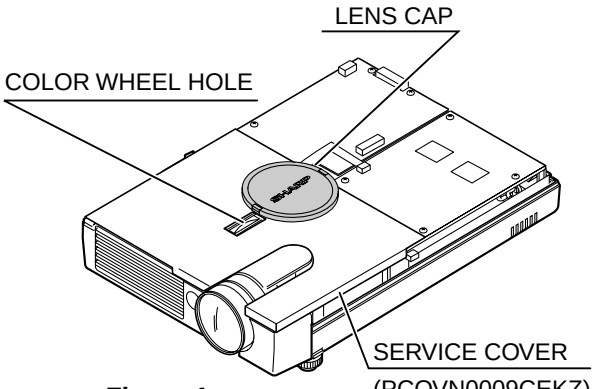


Figure 1.

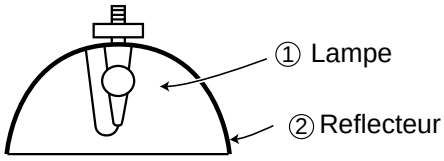
PRECAUTION POUR LES RADIATIONS UV (Suite)

■ Remplacement de la lampe

Remarque:

Comme la lampe devient très chaude pendant le fonctionnement de l'unité, son remplacement ne doit être effectué au moins une heure après avoir coupé l'alimentation (pour permettre à la lampe de refroidir). En installant la nouvelle lampe, s'assurer de ne pas toucher la lampe (ampoule). Remplacer la lampe en tenant son réflecteur ②.

[N'utiliser qu'un remplacement d'origine.]



DANGER ! — Ne jamais mettre sous tension sans la lampe pour éviter un choc électrique ou des dommages des appareils car le stabilisateur génère de hautes tensions à sa mise en route.

Comme de petites quantités de radiation UV sont émises par une ouverture entre le couvercle du conduit et le botier de la lampe,il est recommandé de placer le CAPUCHON D'OPTIQUE sur l'ouverture pendant l'entretien pour éviter une exposition des yeux et la peau (Fig. 1).

Remarques:

- Les pièces internes de ce modèle sont refroidies avec le panneau supérieur hermétiquement fermé. Si l'énergie électrique est maintenue pendant longtemps avec le panneau supérieur laissé ouvert, l'énergie risque de s'arrêter ou la lampe de s'éteindre. Pour éviter cela lors d'un entretien, placer le couvercle de l'entretien sur la lampe et le ventilateur de refoidissement.
- Placer le bouchon de l'objectif sur le couvercle de l'entretien.
- Priére de se procurer un capuchon d'optique acant d'entretien un modéle XG-NV7XU qui est livré sans.
- Le disque chromatique opère à une vitesse élevée. Ne pas le toucher ni apporter quoi que ce soit à proximité.

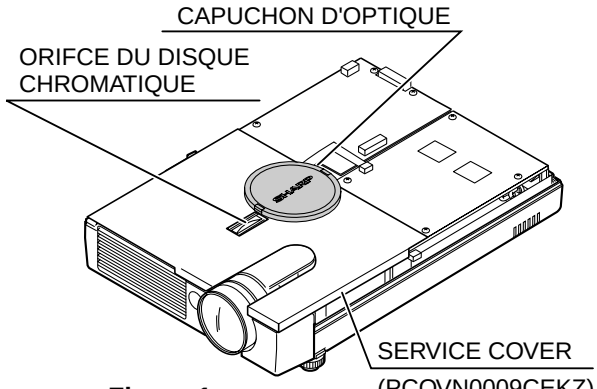
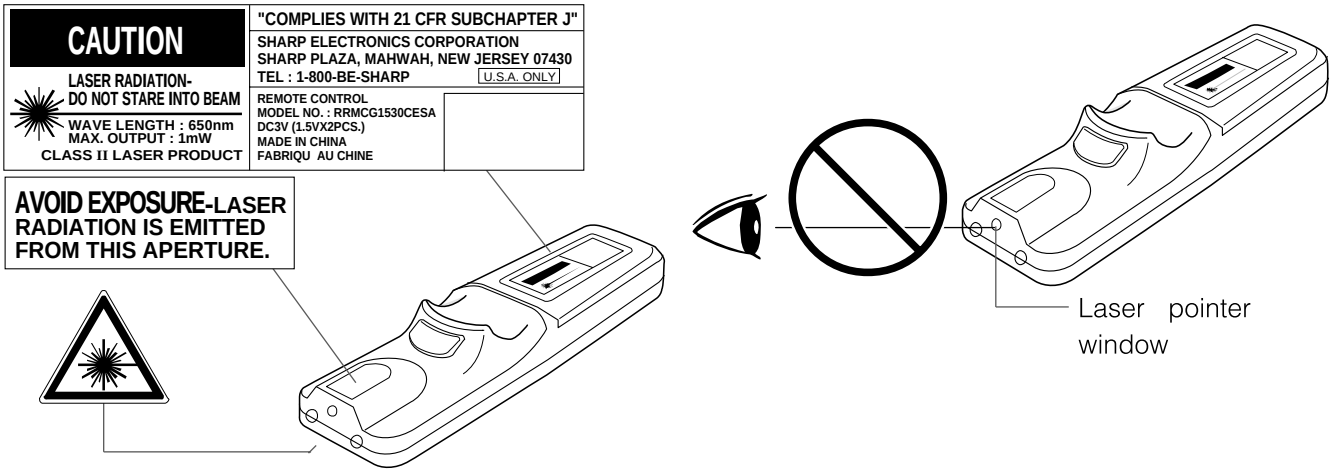


Figure 1.

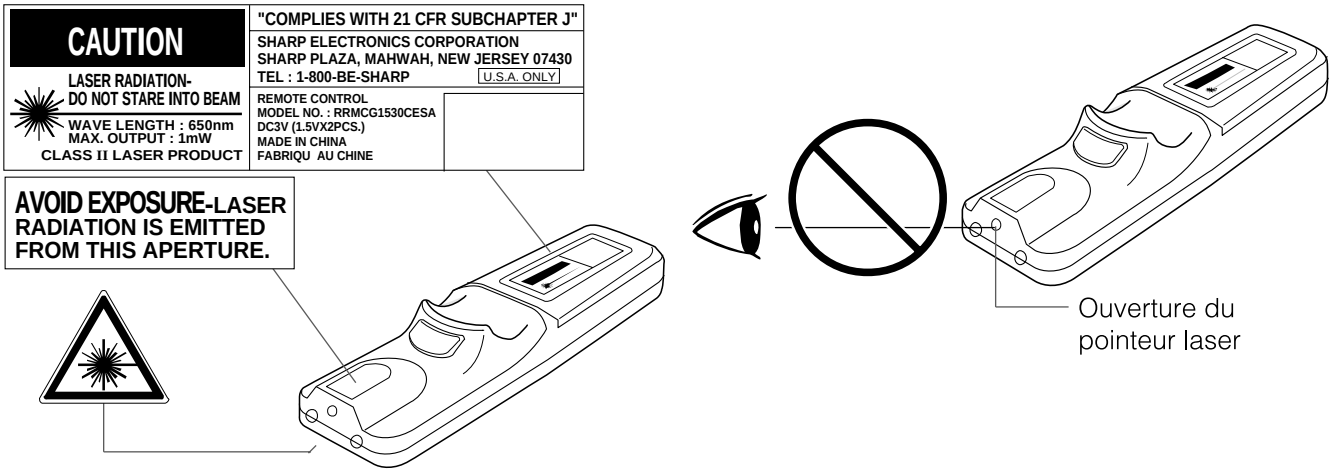
Cautions Concerning the Laser Pointer



The laser pointer on the remote control emits a laser beam from the laser pointer window. This is a Class II laser which may impair your sight if directed into the eyes. The three marks shown on the left are caution labels for the laser beam.

- Do not look into the laser pointer window or shine the laser beam on yourself or others. (The laser beam used in this product is harmless when directed onto the skin. However, be careful not to project the beam directly into the eyes.)
- Always use the laser pointer at temperatures between 41°F and 95°F (+5°C and +35°C).
- Use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Précautions Liées au pointeur laser



Le pointeur laser de la télécommande émet un rayon laser par l'ouverture du pointeur laser. Il s'agit d'un laser de Classe II qui risque de diminuer votre vue s'il est dirigé dans vos yeux. Les trois marques à gauche représentent des étiquettes de précaution pour le rayon laser.

- Ne regardez pas directement dans l'ouverture du pointeur laser et ne la dirigez pas vers vous-même ou d'autres personnes. (Le faisceau laser de cet appareil est inoffensif s'il est projeté directement sur la peau; toutefois, veillez à ne pas le projeter directement dans les yeux.)
- Utilisez toujours le pointeur laser à une température comprise entre 41°F et 95°F (entre +5°C et +35°C).
- L'utilisation de commandes, de réglages ou l'exécution de procédures différentes de celles mentionnés dans ce guide peuvent entraîner une exposition dangereuse à des radiations.

WARNING: High brightness light source. Do not stare into the beam of light, or view directly. Be especially careful that children do not stare directly into the beam of light.

WARNING: To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

CAUTION

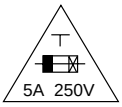
RISK OF ELECTRIC SHOCK. DO NOT REMOVE SCREWS EXCEPT SPECIFIED USER SERVICE SCREW.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER.
NO USER-SERVICEABLE PARTS EXCEPT LAMP UNIT.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk or electric shock to persons.

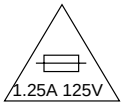
The exclamation point within a triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

CAUTION
(POWER Unit)



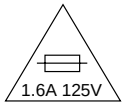
For continued protection against a risk of fire, replace only with same type and rating of fuse. (F1101)

CAUTION
(PC I/F Unit)



For continued protection against a risk of fire, replace only with same type 4511.25, Littelfuse 1.25A 125V.

CAUTION
(PC I/F Unit)



For continued protection against a risk of fire, replace only with same type 45101.6, Littelfuse 1.6A 125V.

AVERTISSEMENT: Source lumineuse de grande intensité. Ne pas fixer le faisceau lumineux ou le regarder directement. Veiller particulièrement à éviter que les enfants ne fixent directement le faisceau lumineux.

AVERTISSEMENT: Afin d'éviter tout risque d'incendie ou d'électrocution, ne pas exposer cet appareil à la pluie ou à l'humidité.

ATTENTION

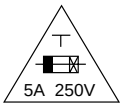
RISQUE D'ELECTROCUTION. NE PAS RETIRER LES VIS, A L'EXCEPTION DES VIS DE REPARATION UTILISATEUR SPECIFIEES.

ATTENTION: POUR EVITER TOUT RISQUE D'ELECTROCUTION, NE PAS RETIRER LE CAPOT.
AUCUNE DES PIECES INTERIEURES N'EST REPARABLE PAR L'UTILISATEUR, A L'EXCEPTION DE L'UNITE DE LAMP.
POUR TOUTE REPARATION, S'ADRESSER A UN TECHNICIEN D'ENTRETIEN QUALIFIE.

L'éclair terminé d'une flèche à l'intérieur d'un triangle indique à l'utilisateur la présence à l'intérieur de l'appareil d'une «tension dangereuse» non isolée ayant une amplitude suffisante pour provoquer une électrocution.

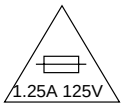
Le point d'exclamation à l'intérieur d'un triangle indique que des instructions de fonctionnement et d'entretien importantes sont détaillées dans les documents fournis avec l'appareil.

PRECAUTION
(Unité d'alimentation)



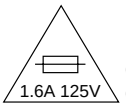
Pour une protection continue contre les risques d'incendie, ne remplacer qu'avec un fusible du même type. (F1101)

PRECAUTION
(Unité d'interface PC)



Pour une protection continue contre les risques d'incendie, ne remplacer qu'avec un fusible du même type 4511.25, miniature, 1.25A, 125V.

PRECAUTION
(Unité d'interface PC)

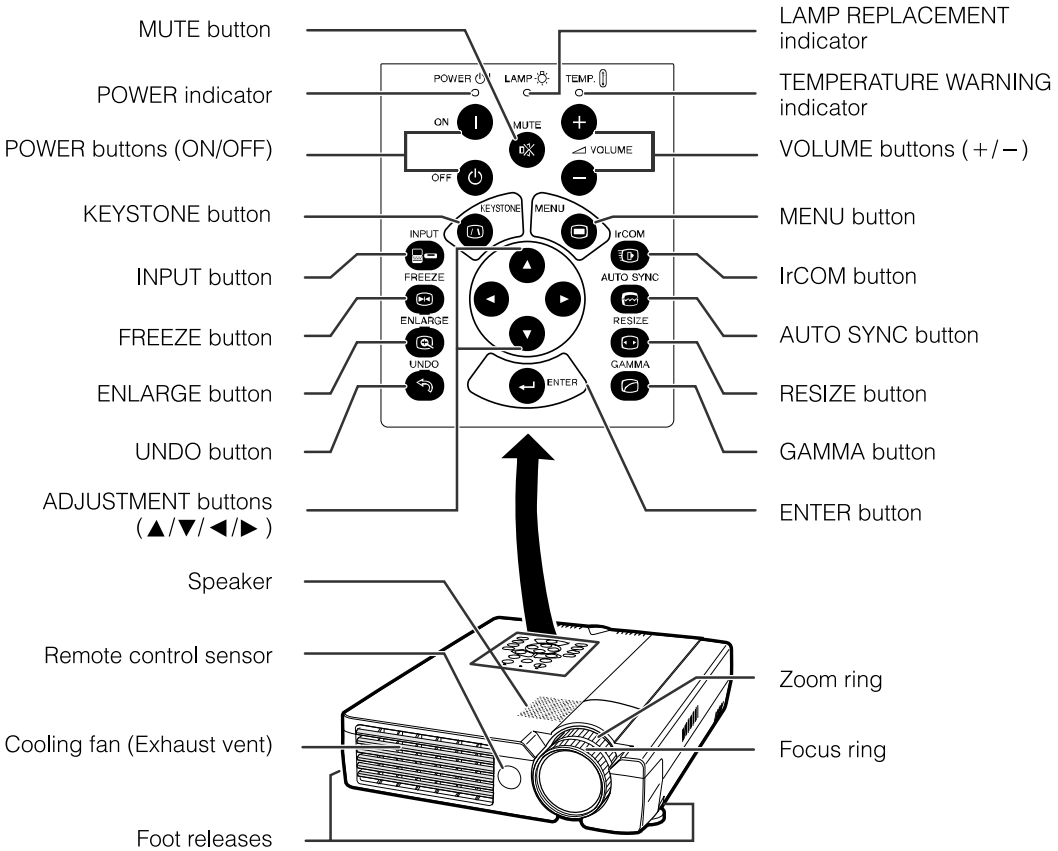


Pour une protection continue contre les risques d'incendie, ne remplacer qu'avec un fusible du même type 45101.6, miniature, 1.6A, 125V.

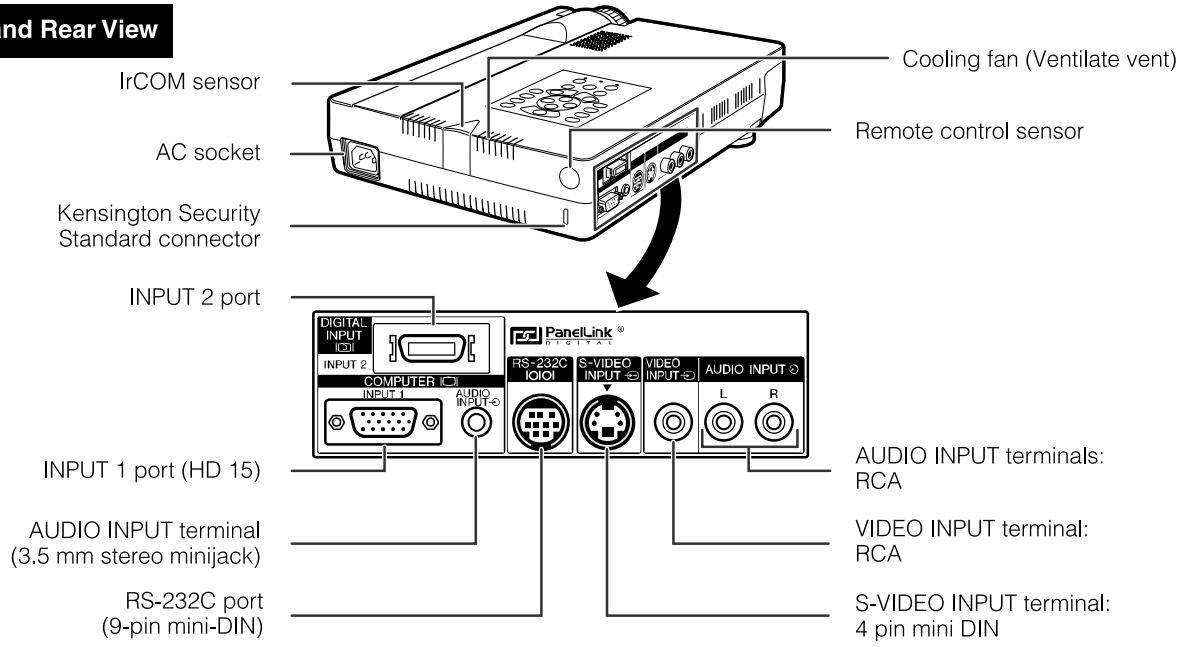
Location of Controls

Projector

Front and Top View



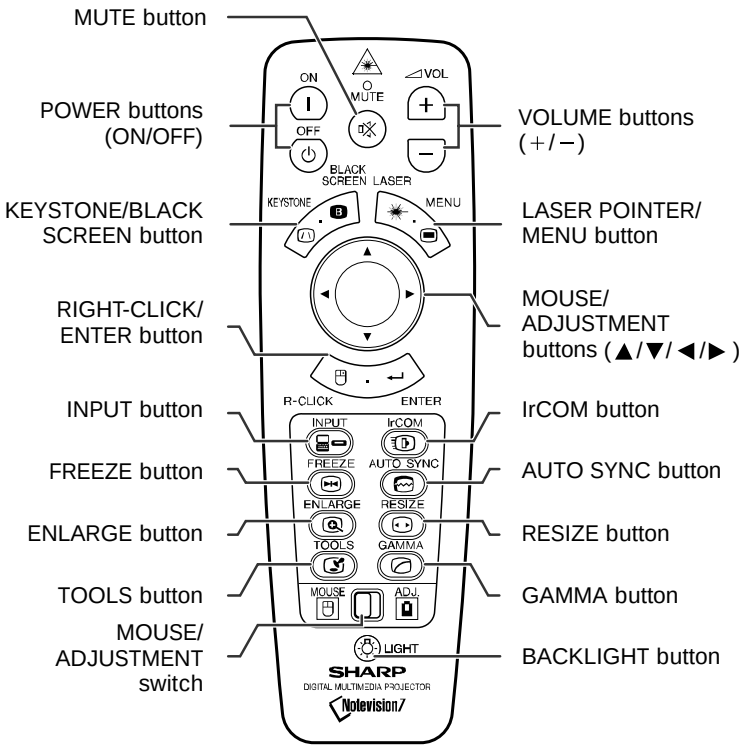
Side and Rear View



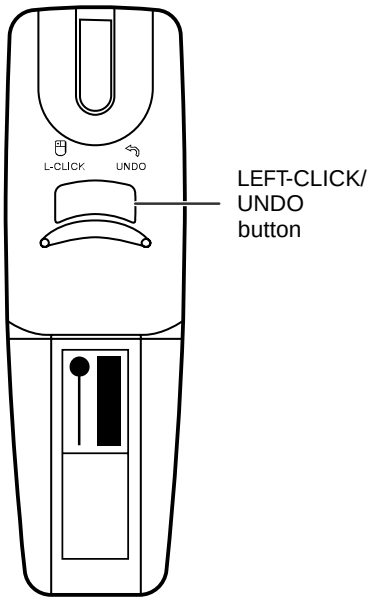
Operating the Wireless Mouse Remote Control

Remote Control

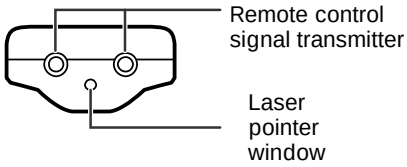
Front View



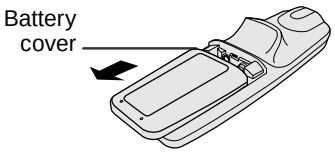
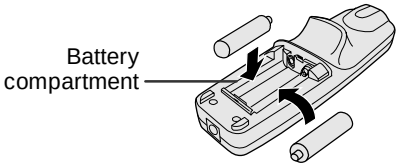
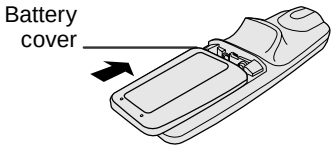
Rear View

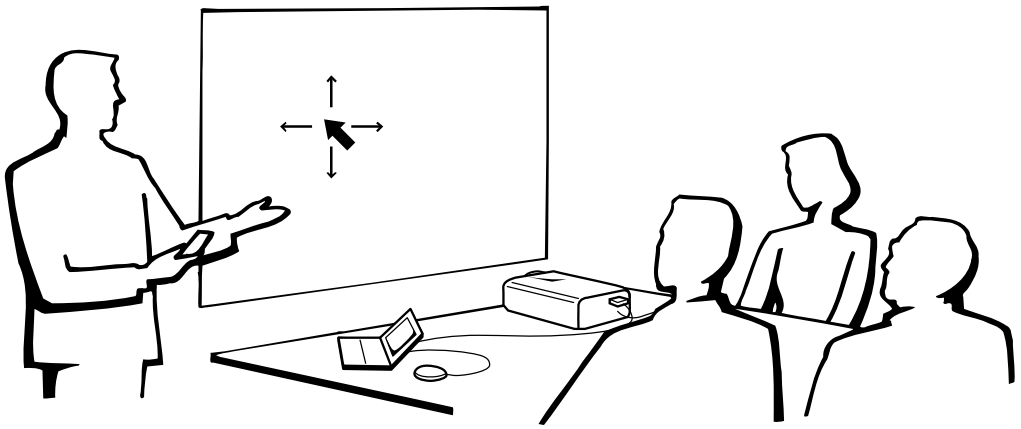


Top View



Inserting the batteries

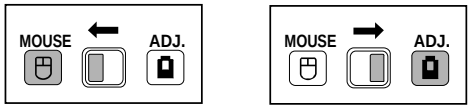
1 Press in and downward on the arrow to remove the battery cover.	**2** Insert two AA size batteries for the remote control, making sure their polarities match the + and – marks inside the battery compartment.	**3** Insert the side tabs of the battery cover into their slots and press the cover in until it is properly seated.
		



Using the Remote Control as a Wireless Mouse

The remote control has the following three functions:
- Projector control
- Wireless mouse
- Laser pointer

MOUSE/ADJUSTMENT switch (Remote control)



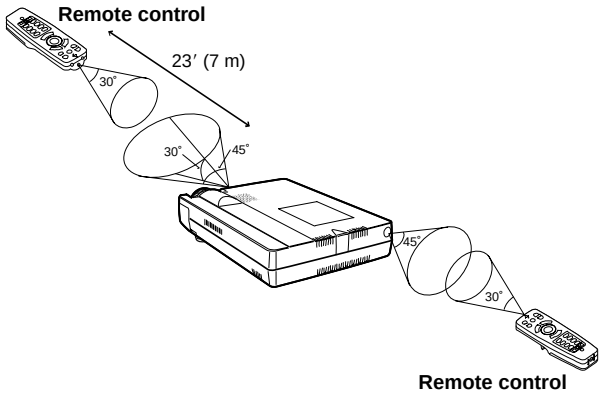
Wireless mouse Laser pointer | **Projector control**

Remote Control/Mouse Receiver Positioning

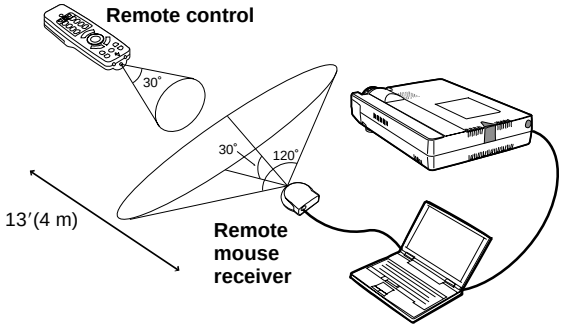
- The remote control can be used to control the projector within the ranges shown below.
- The remote mouse receiver can be used with the remote control to control the mouse functions of a connected computer within the ranges shown below.

NOTE
- The signal from the remote control can be reflected off a screen for easy operation. However, the effective distance of the signal may differ due to the screen material.

Controlling the Projector



Using the Wireless Mouse

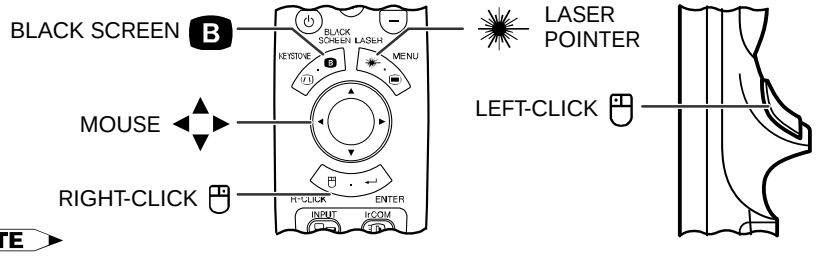


Use as a Wireless Mouse

① Be sure the supplied remote mouse receiver is connected to your computer.

Slide the **MOUSE/ADJUSTMENT** switch to MOUSE.

Effective buttons in MOUSE mode



NOTE

- The wireless mouse may not operate correctly if your computer serial port is not correctly set up. Refer to the computer s operation manual for details of setting up/installing the mouse driver.
- For one-button mouse systems, use either the **LEFT-CLICK** or **RIGHT-CLICK** button.

LIGHT

Using the remote control in a dark room

Press **BACKLIGHT**, and the buttons will light up. Green lights refer to mouse operations, and red lights to projector adjustments.

Button name	Position of MOUSE/ADJUSTMENT switch	
	MOUSE ⟷ *ADJ.*	
LASER POINTER/MENU	LASER POINTER (GREEN)	MENU (RED)
BLACK SCREEN/KEYSTONE	BLACK SCREEN (GREEN)	KEYSTONE (RED)
RIGHT-CLICK/ENTER	RIGHT-CLICK (GREEN)	ENTER (RED)
MOUSE/ADJUSTMENT	MOUSE (NOT LIT)	ADJUSTMENT (NOT LIT)
LEFT-CLICK/UNDO	LEFT-CLICK (NOT LIT)	UNDO (NOT LIT)
POWER ON/OFF	ON (RED)	
VOLUME +/−		
MUTE		

Button name	Position of MOUSE/ADJUSTMENT switch
	MOUSE ⟷ *ADJ.*
INPUT	ON (RED)
IrCOM	
FREEZE	
AUTO SYNC	
ENLARGE	
RESIZE	
TOOLS	
GAMMA	

Use as a Laser pointer

① Slide the **MOUSE/ADJUSTMENT** switch to MOUSE.

② LASER

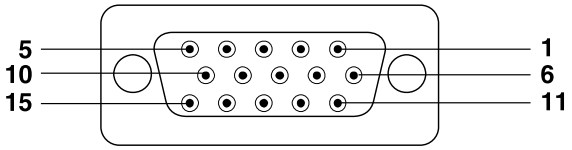
Press **LASER POINTER (✷)** to activate the laser pointer.
When the button is released, the light automatically goes off.

NOTE

- For safety, the laser pointer automatically goes off after 1 minute of continuous use. To turn it on, release **LASER POINTER** (✷) and press again.

Connection Pin Assignments

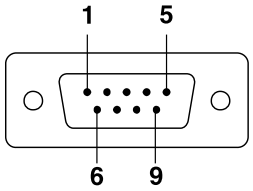
Analog Computer Signal Input Port: 15-pin mini D-sub female connector



Computer Input
Analog

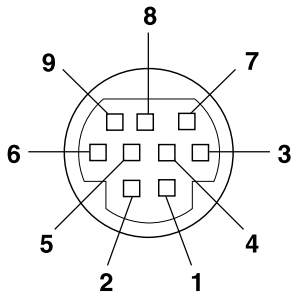
1. Video input (red)
2. Video input (green/sync on green)
3. Video input (blue)
4. Reserve input 1
5. Composite sync
6. Earth (red)
7. Earth (green/sync on green)
8. Earth (blue)
9. Not connected
10. GND
11. GND
12. Bi-directional data
13. Horizontal sync signal
14. Vertical sync signal
15. Data clock

RS-232C Port: 9-pin D-sub male connector of the DIN-D-sub RS-232C cable



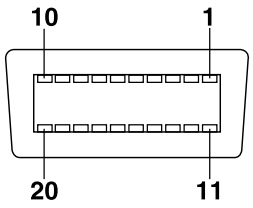
Pin No.	Signal	Name	I/O	Reference
1	CD			Not connected
2	RD	Receive Data	Input	Connected to internal circuit
3	SD	Send Data	Output	Connected to internal circuit
4	ER			Not connected
5	SG	Signal Ground		Connected to internal circuit
6	DR	Data Set Ready	Output	Not connected
7	RS	Request to Send	Output	Connected to internal circuit
8	CS	Clear to Send	Input	Connected to internal circuit
9	CI			Not connected

RS-232C Terminal: 9-pin mini DIN connector



Pin No.	Signal	Name	I/O	Reference
1	VCC	+3.3V (Reserved)	Output	Not connected
2	RD	Receive Data	Input	Connected to internal circuit
3	SD	Send Data	Output	Connected to internal circuit
4	EXIR	Detector of Option Unit (Reserved)	Input	Not connected
5	SG	Signal Ground		Connected to internal circuit
6	ERX	IR Receive Signal from IR Amplifire (Reserved)	Input	Not connected
7	RS	Request to Send	Output	Connected to internal circuit
8	CS	Clear to Send	Input	Connected to internal circuit
9	ETX	IR Transmit Signal (Reserved)	Output	Not connected

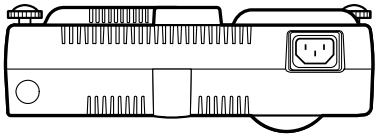
Digtal Input Signal (PanelLink™) Port: MDR-type 20-pin connector



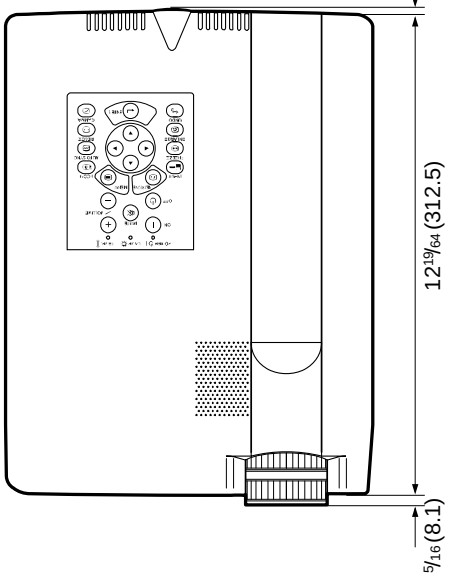
Pin No.	Signal	Name	Reference
1	RX0−	Blue Input (−)	Connected to internal circuit
2	RX0+	Blue Input (+)	Connected to internal circuit
3	RX0 SHIELD	Panel Link Shield	Connected to internal circuit
4	RX2 SHIELD	Panel Link Shield	Connected to internal circuit
5	RX2−	Red Input (−)	Connected to internal circuit
6	RX2+	Red Input (+)	Connected to internal circuit
7	DDC/SCL	SCL	Connected to internal circuit
8	DDC/SDA	SDA	Connected to internal circuit
9	NC	N.C.	Not connected
10	NC	N.C.	Not connected
11	RXC−	Clock Input (−)	Connected to internal circuit
12	RXC+	Clock Input (+)	Connected to internal circuit
13	RXC SHIELD	Panel Link Shield	Connected to internal circuit
14	RX1 SHIELD	Panel Link Shield	Connected to internal circuit
15	RX1−	Green Input (−)	Connected to internal circuit
16	RX1+	Green Input (+)	Connected to internal circuit
17	NC	N.C.	Not connected
18	SENS	SENS	Connected to internal circuit
19	DDC +5V DC	+5V	Connected to internal circuit
20	DDC GND	GND	Connected to internal circuit

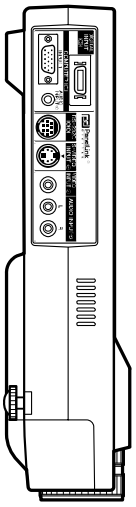
Dimensions

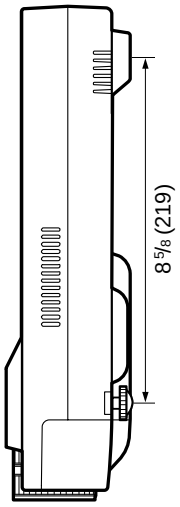
Rear View



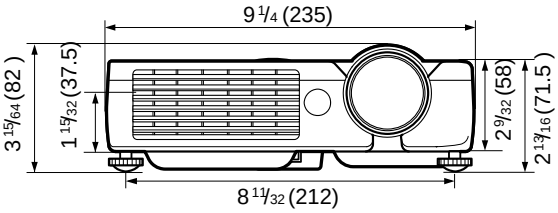
Top View



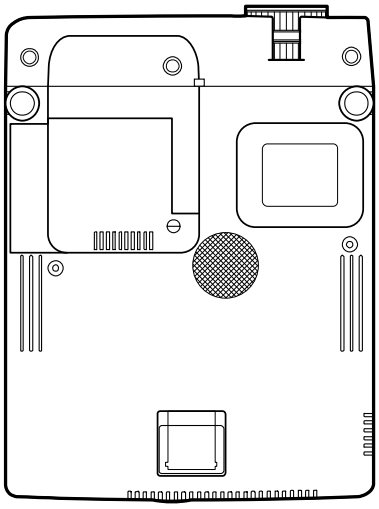




Side View



Front View



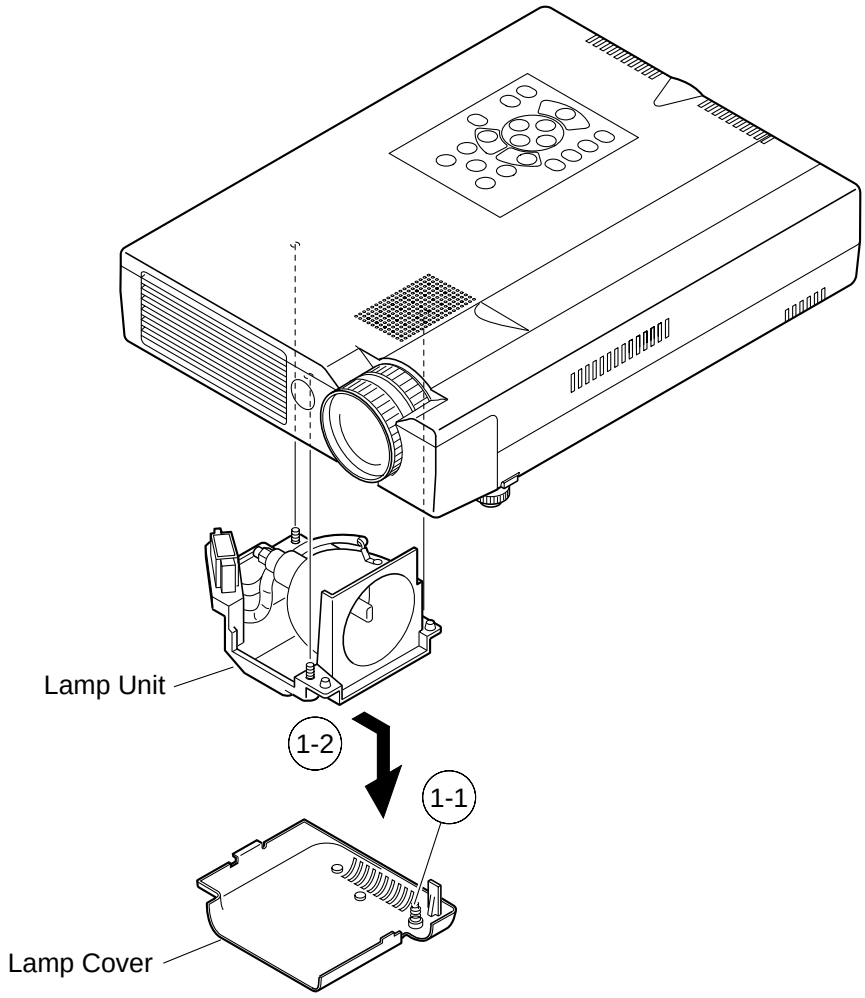
Bottom View

Units: inches (mm)

REMOVING OF MAJOR PARTS

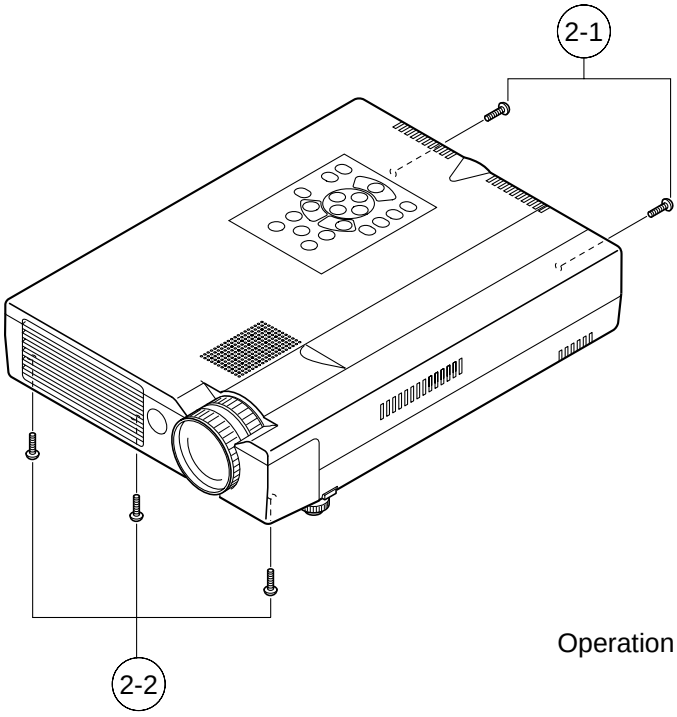
1. Removing the Lamp Unit

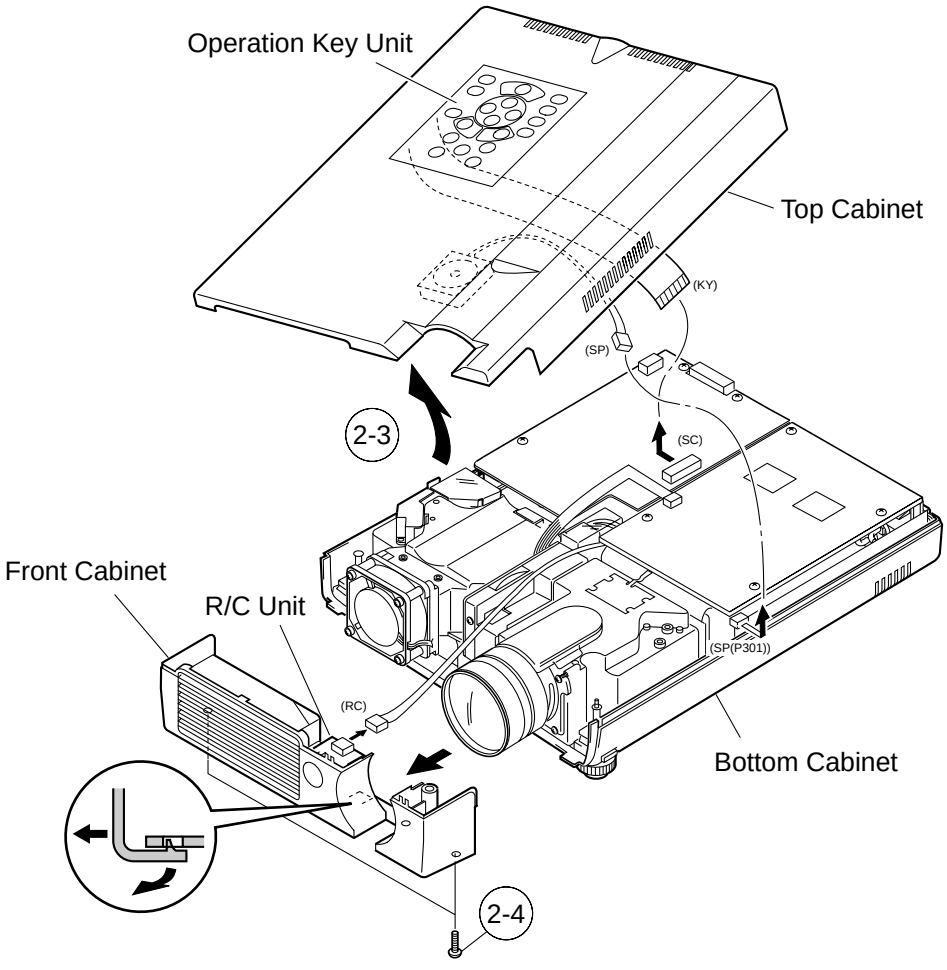
1-1. Remove the screw from the lamp cover and detach the lamp cover.
1-2. Remove the three screws from the lamp unit and take out the lamp unit.



2. Removing the Top and Front Cabinets

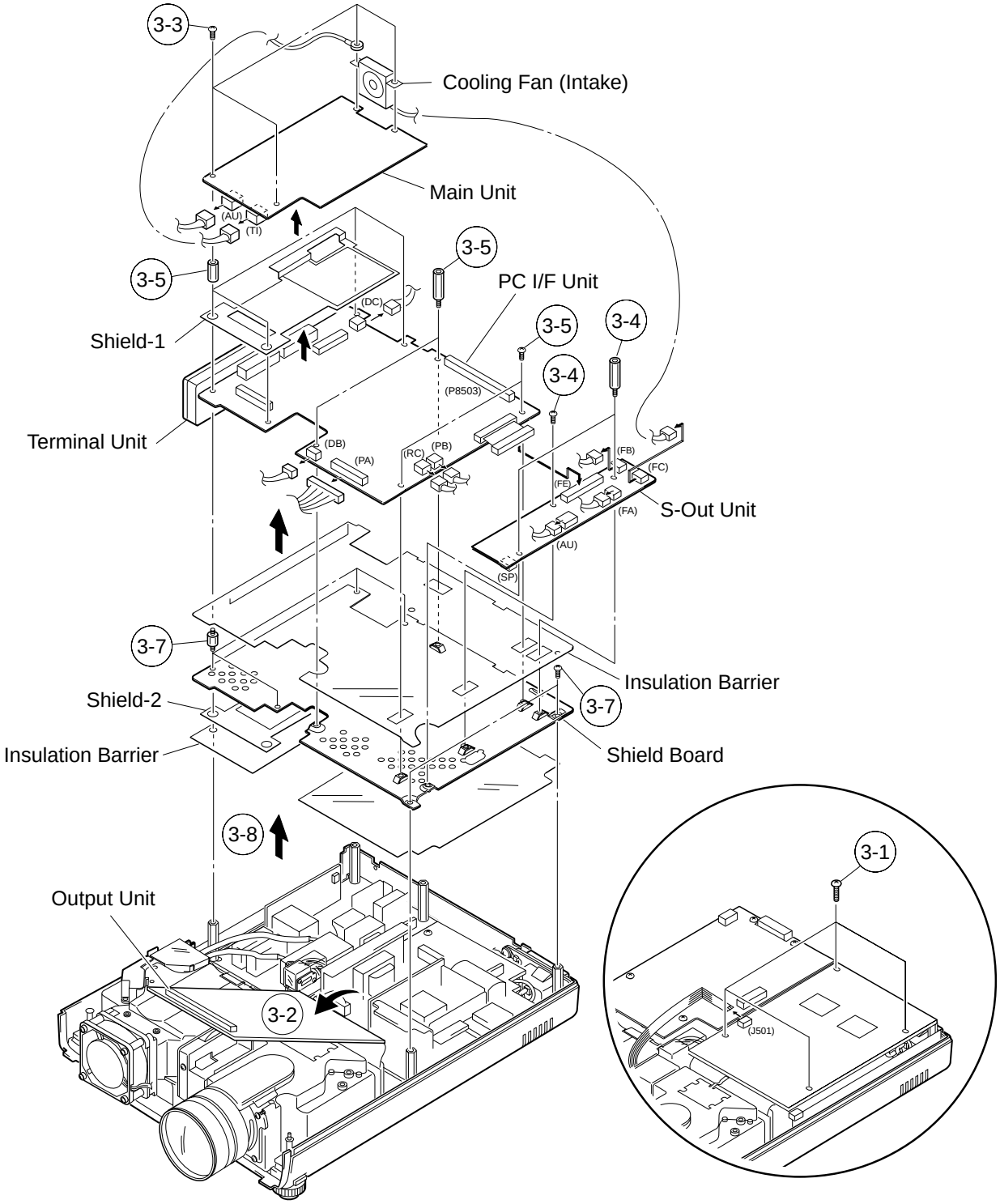
2-1. Remove the two screws from the top and bottom cabinets.
2-2. Remove the three screws from the top and front cabinets.
2-3. Slowly lift the back of the top cabinet and disconnect the operation key unit connector (KY) and the speaker connector (SP). Pull up and off the top cabinet.
2-4. Remove the two screws from the front cabinet and disconnect the remote control unit connector (RC). Unhook the center of the front cabinet and take out the front cabinet.





3. Removing the PWB Units

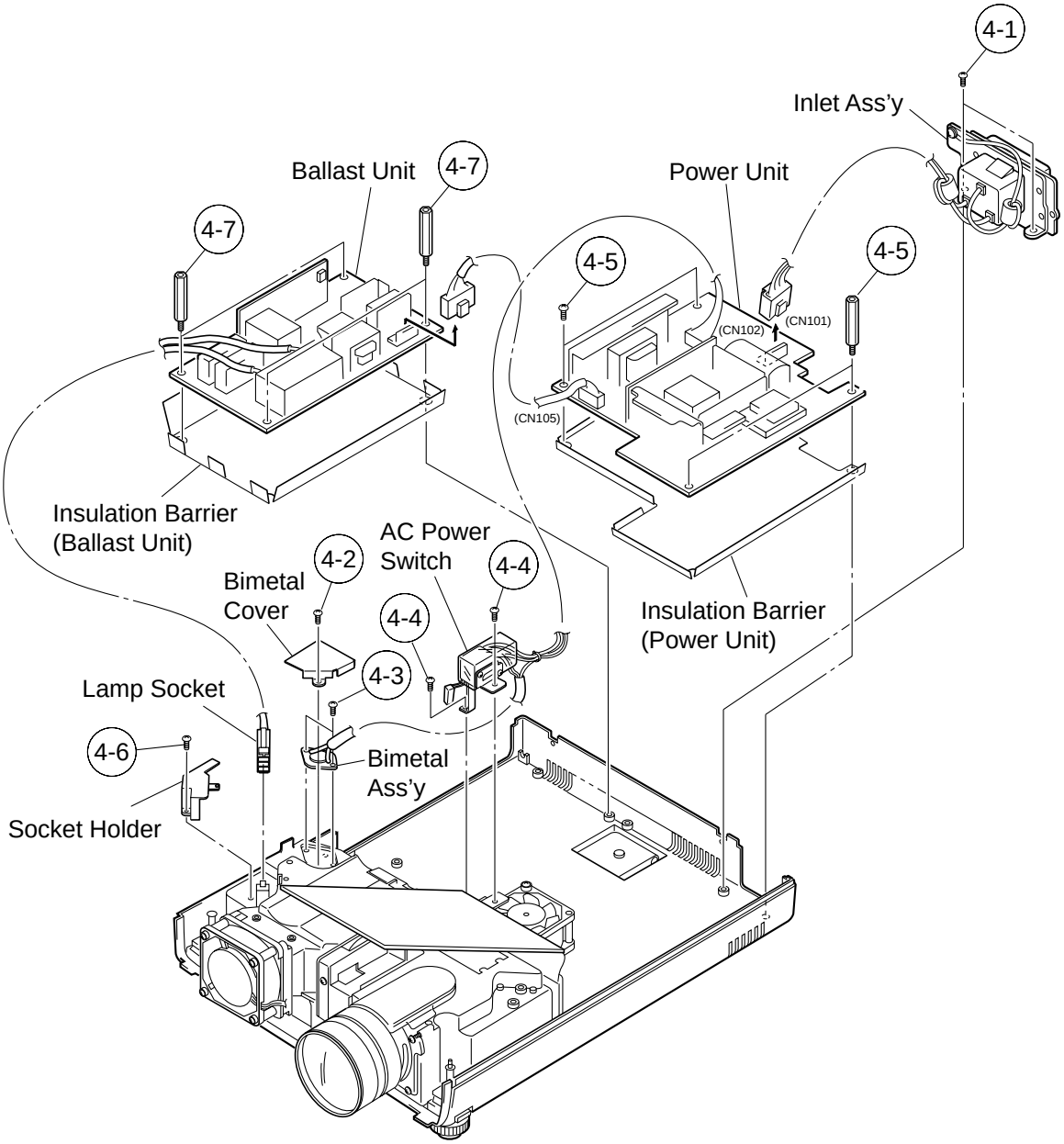
3-1. Remove the four screws from the output unit and disconnect the color wheel unit connector (J501).
3-2. Disconnect the output unit from the PC I/F unit connector. Tilt this unit toward the optical mechanism unit.
3-3. Remove the four screws from the main unit and detach the cooling fan (intake). Disconnect the S-out unit connector (AU) and the temperature ensor connector (TI). Now take out the main unit.
3-4. Remove the two spacers, the screw and all the connectors from the S-out unit. Detach the S-out unit.
3-5. Remove the six spacers, the two screws and all the connectors from the PC I/F unit. Pull up and off the PC I/F unit and the terminal unit together.
3-6. Detach the insulation barrier from the PC I/F unit.
3-7. Remove the four spacers and the two screws from the shielded board. Detach the shielded board.
3-8. Detach the insulation barrier from the power/ballast unit.



4. Removing the Power/Ballast Unit

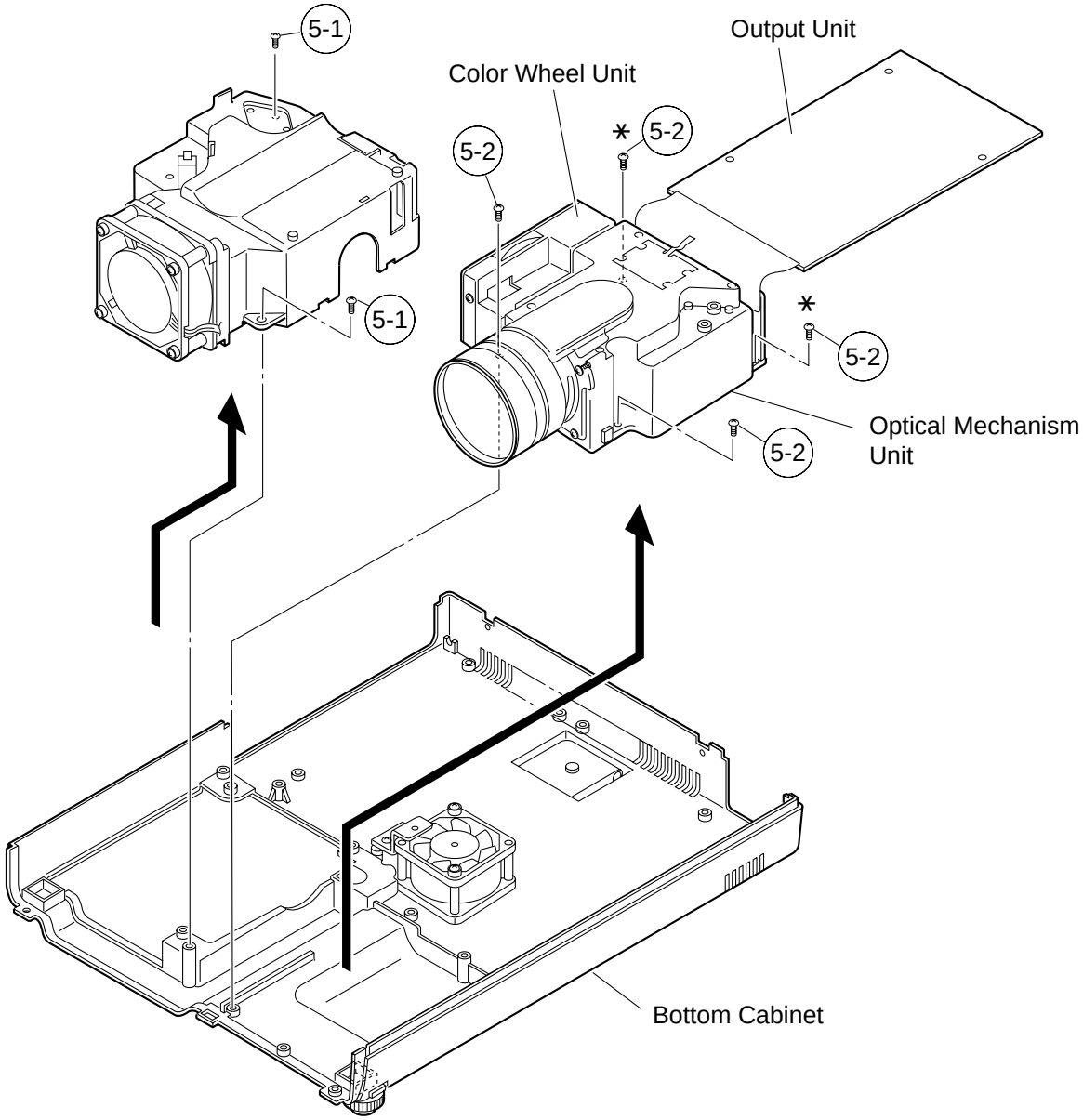
4-1. Remove the two lock screws off the Inlet Ass'y.
4-2. Remove the screw from the bimetal cover and detach this cover
4-3. Remove the two screws from the bimetal assembly and detach this assembly.
4-4. Remove the two screws from the AC power switch and detach this switch.
4-5. Remove the two spacers, the two screws and all the connectors from the power unit. Detach the power unit and the insulation barrier.
4-6. Remove the screw from the lamp socket holder and detach the lamp socket.
4-7. Remove the four spacers from the ballast unit. Detach the ballast unit and the insulation barrier.

<DMD handling precautions>
Be very careful never to bend and twist the flexible cable.
To protect the parts from static electricity, be sure to wear an earth band when handling them.



5. Removing the Optical Mechanism and Lamp Housing

5-1. Remove the two screws from the lamp housing and detach the housing.
5-2. Remove the four screws from the optical mechanism unit and detach this unit.
✳: When removing these screws, be careful not to damage the capacitors nearby.

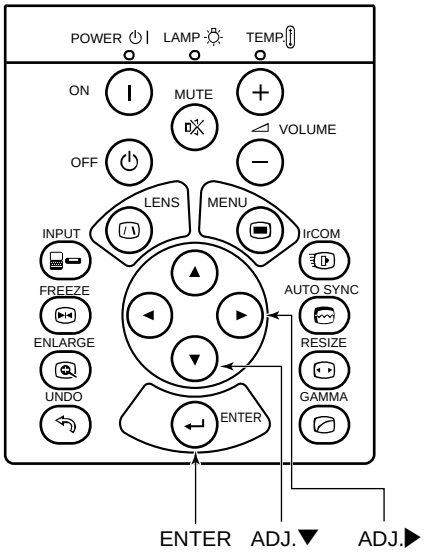


RESETTING THE TOTAL LAMP TIMER

When the lamp has been replaced, reset the total lamp timer in the following steps.

Resetting procedure

1. While holding down the “ENTER”, “ADJ.▼” and “ADJ.▶” keys on the set at the same time, turn on the POWER ON key.
2. Now the total lamp timer is reset to zero. “0000H” appears on the screen.



Lamp

The lamp in this projector operates for approximately 1,500 cumulative hours, depending on the usage environment. It is recommended that the lamp be replaced after 1,400 cumulative hours of ues or when you notice a significant deterioration of the picture and color quality. The lamp usage time can be checked with the On-screen Display.

CAUTION

- Intense light hazard. Do not attempt to look into the aperture and lens while the projector is operating.

NOTE

- As the usage environment can vary significantly, the projector lamp may not operate for 1,500 hours.

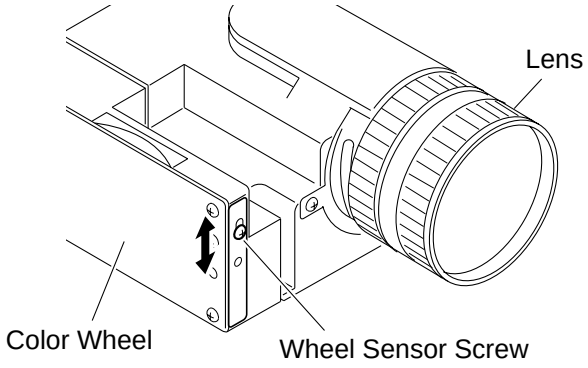
Maintenance Indicator	Condition	Problem	Possible Solution
TEMPERATURE WARNING indicator	The internal temperature is abnormally high.	· Blocked air intake.	· Relocate the projector to an area with proper ventilation.
		· Cooling fan breakdown. · Internal circuit failure.	· Take the projector to your nearest Authorized Sharp Industrial DLP Products Dealer or Service Center for repair.
LAMP REPLACEMENT indicator	The lamp does not light up.	· Burnt-out lamp. · Lamp circuit failure.	· Carefully replace the lamp. · Take the projector to your nearest Authorized Sharp Industrial DLP Products Dealer or Service Center for repair.

OPTICAL ADJUSTMENT

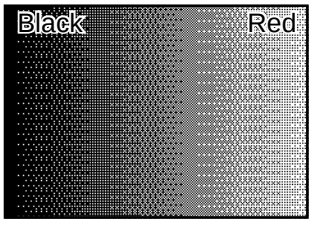
What to readjust after replacement

	Readjustment
Reflection lens	Not needed.
Cylinder mirror	Not needed.
Mirror A	Not needed.
Mirror B	Not needed.
Requirements for adjustments	Phillips screwdriver, red gradation pattern signal.
Color wheel	Enter the red gradation pattern from RGB1. Make sure the pattern appears normal on screen. If not, loosen the wheel sensor screw and move the sensor up and down until the gradation appears crisp on screen. (White lines and magenta portions are not allowed.)

Adjustment after color wheel replacement

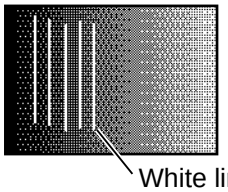


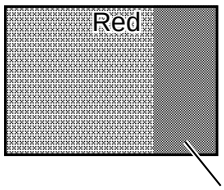
Normal



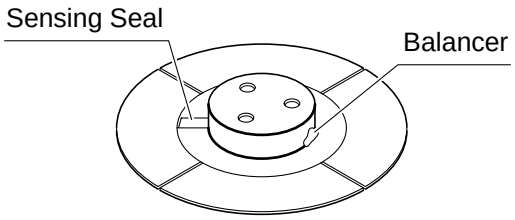
Gradation pattern

Unacceptable





Note: Never peel off the sensing seal and balancer from around the motor.



DMD AND PRINCIPLE OF OPTICAL SYSTEM

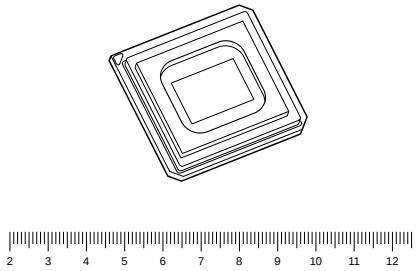
1. Outline of DMD (Digital Micro Mirror Device)

The DMD is one of the ultra-micro electromechanical systems called MEMS (Microeletromechanical System). The DMD can be fabricated by employing the existing 0.8 micron rule, which is the established semiconductor manufacturing technology.

The DMD is an optical switch of semiconductor chip fabricated by connecting several hundred thousand to one million and several hundred thousand mirrors (16µm X 16µm in size) onto the CMOS SRAM semiconductor memory and these mirrors rotate mechanically when digital electric signal is received.

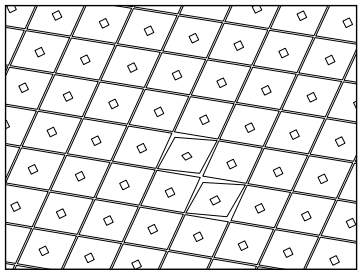
In the DMD, the mirror rotates at an angle of ±10 degrees by the action of electrostatic field produced by voltage which is generated on the SRAM memory. The rotation of this mirror changes the direction of reflected light, the principle of which is applied for the optical switch. The gray scale (or color gradation) of reflected light is achieved by controlling the response time (or ON-time) of the mirror with digital signal (8-bit pulse width modulation [PWM] signal) (Processing with 10-bit PWM signal is now also available).

The gray scale has 256 tones. Hence, the total nµmber of tones for RGB full primary colors counts as many as 256 X 256 X 256 = 16,700,000.



About 500,000 micro mirrors are found at the central white part.

Figure 1. DMD (SVGA Specification)



Mirrors (each one of squares).
Area of a mirror is 16 µm X 16 µm. The space between adjacent mirrors is 1 µm.

Figure 2. Microscopic View of DMD

2. Structure of DMD Pixel

Figure 3. shows an exploded view of the DMD pixel. The DMD monolithically consists of the four layers; mirror, yoke and hinge, metal-3, and CMOS memory.

The mirror is made of 16 µm X 16 µm alµminµm plate. The mirror is rigidly connected to the yoke below. The yoke, in turn, is connected by two thin mechanically compliant torsion hinges to the posts that are attached to the PWB below. The address electrodes for the mirror and yoke are connected to the complementary sides of the PWB below. The yoke and mirror are connected to the bias-reset bus formed on the metal-3 layer. The bias-reset bus interconnects the yoke and mirrors of each pixel to the bond pad around the chip.

When the digital signals [1] and [0] are written on the CMOS SRAM, the mirror supported by the posts inclines diagonally toward the PWB side. The angle of inclination is ±10 degrees.

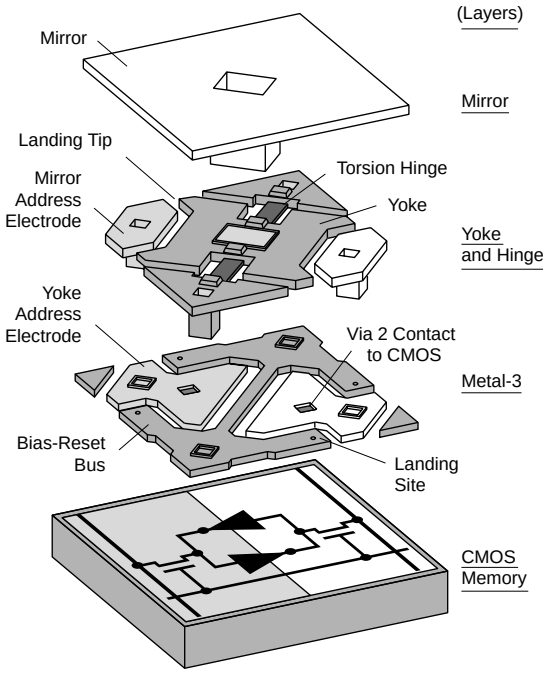


Figure 3. DMD pixel exploded view

* DMD and DLP are the trademarks of Texas Instruments, Inc., U.S.A.

3. Switching of Mirror

The mirror reflects light in one of two directions, depending of the state of underlying memory cell. The mirror rotates by a force of electrostatic attraction produced by voltage difference between the mirror and the memory cell. With the memory cell being in the ON (1) state, the mirror rotates by +10 degrees. With the memory cell being in the OFF (0) state, the mirror rotates by -10 degrees. ***Figure 5.*** shows a close-up of DMD mirrors operating.

By combining the DMD with a suitable light source and projection optics (***Figure 6.***), the mirror reflects incident light either into or out of the center of the projection lens by a simple beam steering technique. Thus, the (1) state of the mirror appears bright and the (0) state of the mirror appears dark.

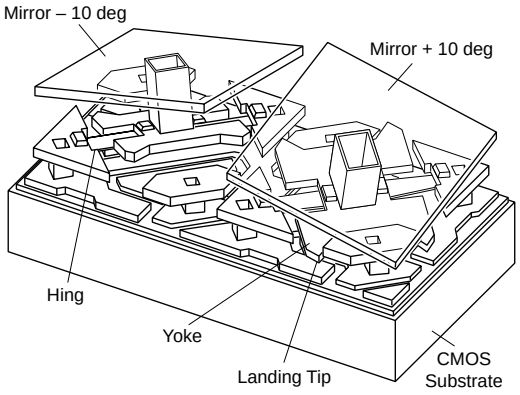


Figure 4. Two DMD pixels (mirrors are shown as transparent)

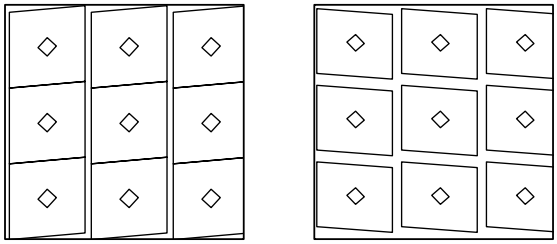


Figure 5. Images of operating DMD

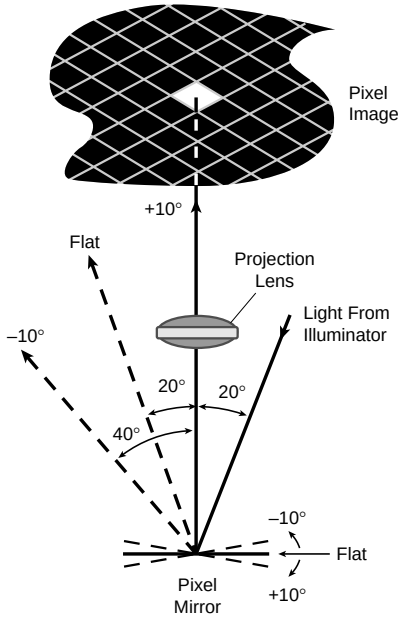


Figure 6. DMD optical switching principle

4. Digital Light Processing Signal and Gray Scale

When the mirror rotates, it reflects incident light either into or out of the projection lens to create a burst of digital light pulses, which the eye interprets as an analog image.

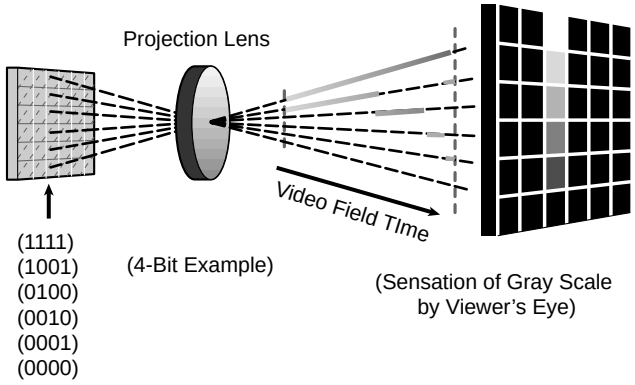
In binary pulse width modulation, the DMD accepts electrical words representing the gray level of brightness at its input, and puts out optical words, which are interpreted by the observer's eye as analog brightness level.

Taking 4-bit word as an example for simplicity, each bit in the word represents a time duration for light to be ON or OFF, and the time durations have relative value of $2^0$0, $2^1$1, $2^2$2 and $2^3$3 or 1, 2, 4 and 8 (***Figure 7.***).

The video field time is divided into four time durations of 1/15, 2/15, 4/15 and 8/15, and 24 or 16 equally spaced gray levels (0, 1/15, 2/15, 4/15, …, 15/15) are produced by all the combinations of bits in the 4-bit word.

Currently available DLP systems are of either 24-bit color (8 bits or 256 gray levels per RGB) or 39-bit color (10 bits or 1024 gray levels per RGB).

In the DLP displays of pulse width modulation, "bit-splitting technology" is combined to produce a "true-analog" sensation with greater accuracy and stability than can be achieved by analog projection systems.



(Note: For simplicity, only central colμmn is addressed and no light source is shown.)

Figure 7. DMD binary pulsewidth modulation (4bit example)

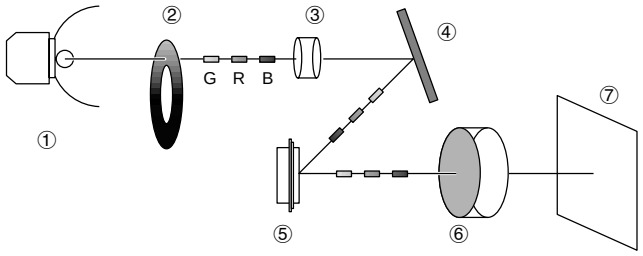


Figure 7. Block Diagram of Optical System Principle

Names of Parts and Operating Specifications

① **Metal Halide Lamp**

The DC light source lamp flickers 180 times or 210 times per second

② **RGB Color Filter (Color Wheel Unit)**

This color filter splits light into RGB primary colors. The rotation-detecting sensor should be synchronized with the timing to turn off the lamp at the seam of color filter. The maximμm rotating speed is 7200 rpm.

③ **Condenser Lens**

This lens condenses the light split by the color filter and projects it to the effective area of the reflection mirror.

④ **Reflection Mirror**

This mirror reflects the light projected to the effective area of the DMD.

⑤ **DMD Chip**

This chip turns on and off in proportion to each color element per dot depending on the input source.

⑥ **Projection Lens**

This lens magnifies and projects the incident light coming from the DMD.

⑦ **Screen**

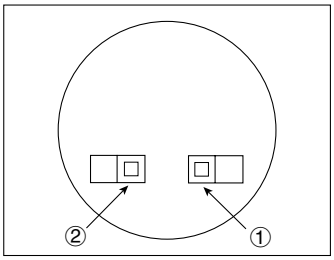
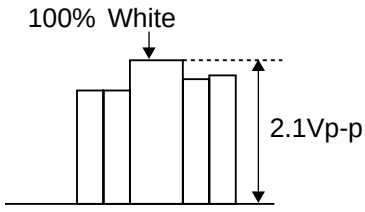
Projected light (RGB components) is interpreted by viewer's eye as a synthesized color image due to after-image phenomenon.

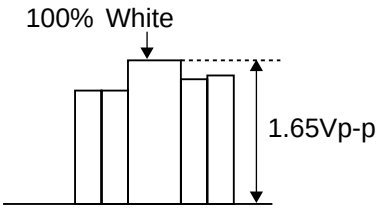
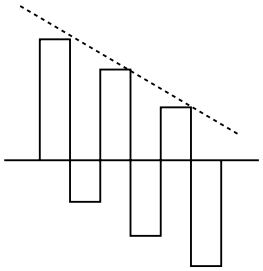
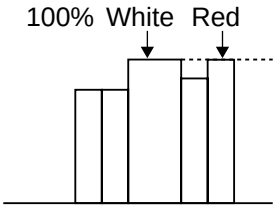
* On the main PWB, the color components are split per dot depending on the input source, and the information is sent to the DMD.

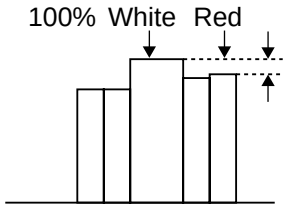
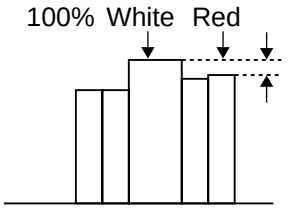
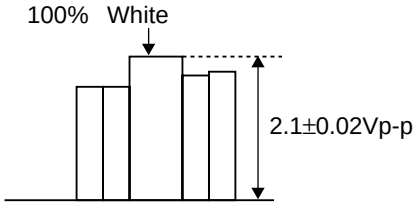
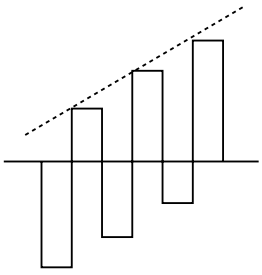
ELECTRICAL ADJUSTMENT

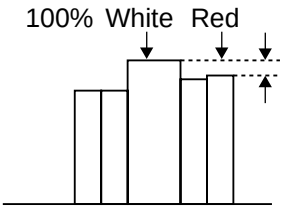
Hook up a signal generator, or a DOSV or Mac personal computer to the projector in order to feed the signals specified in the Adjusting conditions.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
1	**EEPROM initialization**	1. Turn on the power (make sure the lamp lights up) and warm up the unit for 15 minutes.	● Make the following settings: Press S5001 to call up the process mode and execute S2 in the SSS menu. Now the system, with the PC board not included, is initialized. Do not execute S1 because otherwise the PC board will be initialized. To adjust the PC board, follow the instruction in "Adjusting the PC Interface". (See page 30)
2	**RGB1 BRIGHT**	1. Make the following choice. Group : A/D Subject : BRIGHT Make sure the data value is 125. 2. Make the following choice. Group : A/D Subject : R-BRIGHT, G-BRIGHT, B-BRIGHT Adjust until the data value becomes 135 or so.	● With the set's control switch or the remote-control button, adjust the data until the black-side noise becomes bitless.
3	**R drive**	1. Make the following choice. Group : A/D Subject : GAIN 2. Feed the 100% red-only signal. Make the following choice. Group : A/D Subject : R-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
4	**B drive**	1. Feed the 100% blue-only signal. Make the following choice. Group : A/D Subject : B-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
5	**G drive**	1. Feed the 100% green-only signal. Make the following choice. Group : A/D Subject : G-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).

No.	Adjusting point	Adjusting conditions	Adjusting procedure
6	**Gain adjustment**	1. Make the following choice. Group : A/D Subject : GAIN Initial value : 137	● With the set's control switch or the remote-control button, adjust the data until the white-side noise becomes bitless.
7	**RGB gradation regeneration adjustment**	1. Feed the green-only SMPTE pattern signal.(XGA) Group : A/D Subject : GAIN	● Adjust the G-GAIN data until the gradation of the portion ① (95% and 100% white) shown below can be slightly recognized. Make sure also that the gradation of the portion ② (0% and 5% black) is visible. 
8	**RGB white balance**	1. Feed the 32-step gray scale signal (XGA 60Hz). Group : A/D Subject : R-BRIGHT B-BRIGHT	● Adjust the R-BRIGHT and B-BRIGHT data for the balance on the gray scale. (Adjust to the best point.)
9	**Horizontal center**	1. Feed the NTSC mono-scope pattern signal. 2. Group : VIDEO 2 Subject : N358-DLY (10) N443-DLY (0) PAL-DLY (10) SECAM-DLY (10) Make sure the settings are as above. 3. Group : VIDEO 1 Subject : NTSC-H	● Using the control switches or the remote controller buttons, adjust the data to have the same overscan.
10	**Video picture adjustment**	1. Feed the split color bar signal. Group : VIDEO 1 Subject : PICTURE 2. Connect the oscilloscope to TP805.	● Using the control switches or the remote controller buttons, adjust the black-to-white (100%) level difference to 2.1 ±0.02 Vp-p. 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
11	**Video AGC**	1. Feed the split color bar signal. Group : VIDEO 1 Subject : AGC 2. Connect the oscilloscope to TP805.	● Using the control switches or the remote controller buttons, adjust the black-to-white (100%) level difference to 1.65 ±0.02 Vp-p. 
12	**Video brightness adjustment**	1. Feed the baseband (split color bar) signal. Group : VIDEO 1 Subject : BRIGHT 2. Press the control switch or the remote control's mute button (to set the gamma correction to the process setting).	● Using the control switches or the remote controller buttons, adjust the setting until the black signal becomes bit-less and set to -3 point of value.
13	**Tint**	1. Feed the split color bar signal. Group : VIDEO 1 Subject : TINT 2. Connect the oscilloscope to TP807.	● Using the control switches or the remote controller buttons, adjust the data to have the -(B-Y) waveform downhill straight. 
14	**NTSC color saturation level**	1. Feed the split color bar signal. Group : VIDEO 1 Subject : N-COLOR 2. Connect the oscilloscope to TP804.	● Using the control switches or the remote controller buttons, adjust the difference between the 100% white portion and the red portion to 0.0 ±0.02 Vp-p. (same as 100% white) 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
15	**PAL color saturation level**	1. Feed the PAL color bar signal. Group : VIDEO 1 Subject : P-COLOR 2. Connect the oscilloscope to TP804.	● Using the control switches or the remote controller buttons, adjust the difference between the 100% white portion and the red portion to 0.28 ±0.02 Vp-p. 
16	**SECAM color saturation level**	1. Feed the SECAM color bar signal. Group : VIDEO 1 Subject : S-COLOR 2. Connect the oscilloscope to TP804.	● Using the control switches or the remote controller buttons, adjust the data to have a level difference of 0.28 ±0.02 Vp-p between the 100% white portion and the red portion. 
17	**Video white balance**	1. Feed the NTSC monoscope pattern signal Group : VIDEO 2 Subject : R OFF-SET B OFF-SET	● Using the control switches or the remote controller buttons, adjust so that the entire screen looks evenly colorless.
18	**DVD Contrast**	1. Feed the color bar signal of the 480I component signal to the D-SUB input terminal. 2. Select the following subject. Group : DVD Subject : CONTRAST 3. Connect the oscilloscope to TP805.	● Using the control switch or the button on the remote controller, adjust the amplitude between the black and 100% white to 2.1 ±0.02 Vp-p. 
19	**DVD Tint**	1. Feed the color bar signal of the 480I component signal to the D-SUB input terminals. Feed the sync signal only for the Y signal. 2. Select the following subject. Group : DVD Subject : TINT 3. Connect the oscilloscope to TP807.	● Using the control switch or the button on the remote controller, adjust the B-Y waveform to form a straight slope. 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
20	**DVD Color**	1. Feed the color bar signal of the 480I component signal to the D-SUB input terminal. 2. Select the following subject. Group : DVD Subject : COLOR 3. Connect the oscilloscope to TP804.	● Adjust the level difference between the 100% white and red portions to 0.1 ±0.02 Vp-p. 
21	**Color system performance check**	1. Receive the color bar signal.	● In the process mode and select L1. Check the color and tint.
22	**Video system performance check**	1. Receive the monoscope pattern signal.	● In the process mode and select L2. Check the picture, brightness and sharpness.
23	**Audio system performance check**		● In the process mode nad select L3. Check the bass, treble and balance.
24	**RGB1 performance check**	1. Receive the RGB1 signal.	● In the process mode and select L4. Check the picture, brightness, red, blue, clock, phase, horizontal position, and vertical position.
25	**RGB2 panel link video check**	1. Make the following settings: RGB2 mode and XGA specific for panel link. Enter the 32-step gradation pattern.	● Make sure that the gradation pattern is not corrupted and that the black portion is not too sinking.
26	**Off-timer performance check**		● In the process mode and select OFF. Make sure that the off-timer starts with “5” (minutes), counts down each minute in 1 second, and turns off the set at “0”.

<table>
<tr><th>No.</th><th>Adjusting point</th><th>Adjusting conditions</th><th>Adjusting procedure</th></tr>
<tr><td>27</td><td>Thermistor performance check</td><td>1. Heat the thermistor using a dryer.</td><td>● Make sure the “TEMP” is displayed.</td></tr>
<tr><td>28</td><td>Automatic synchronization RGB1 (ANALOG)</td><td>1. Receive the PHASE check pattern signal.</td><td>● Call the VGA/S-VGA/XGA/SXGA/UXGA mode and make sure that the clock, phase, horizontal and vertical positions can be automatically adjusted.</td></tr>
<tr><td>29</td><td>Auto sync RGB 2 (panel link)</td><td>1. Receive the PHASE check pattern signal.</td><td>● In the VGA/S-VGA/XGA/SXGA modes, make sure that the H-POS and V-POS can be automatically adjusted.</td></tr>
<tr><td>30</td><td>IrDA performance check</td><td></td><td>● Make sure the IrDA signal can be received.</td></tr>
<tr><td>31</td><td>Keystone correction performance check</td><td></td><td>● Make sure the keystone correction functions well.</td></tr>
<tr><td>32</td><td>Factory settings</td><td></td><td>● Make the following settings.
<table>
<tr><td>Process adjustment</td><td>Remote controller setting</td></tr>
<tr><td>S4</td><td>“Factory setting 4”</td></tr>
</table>
</td></tr>
</table>

ADJUSTING THE PC INTERFACE (CPCi-0036CE01. PC I/F Unit)

1. Initializing the EEPROM

1) Press the S5001 switch to call the process mode.
2) Pick up the item S1 on the SSS menu. (The S1 is used to initialize the PC interface alone. Do not select the item S2 because otherwise the other data than the PC interface will be initialized.)

2. Adjusting the levels

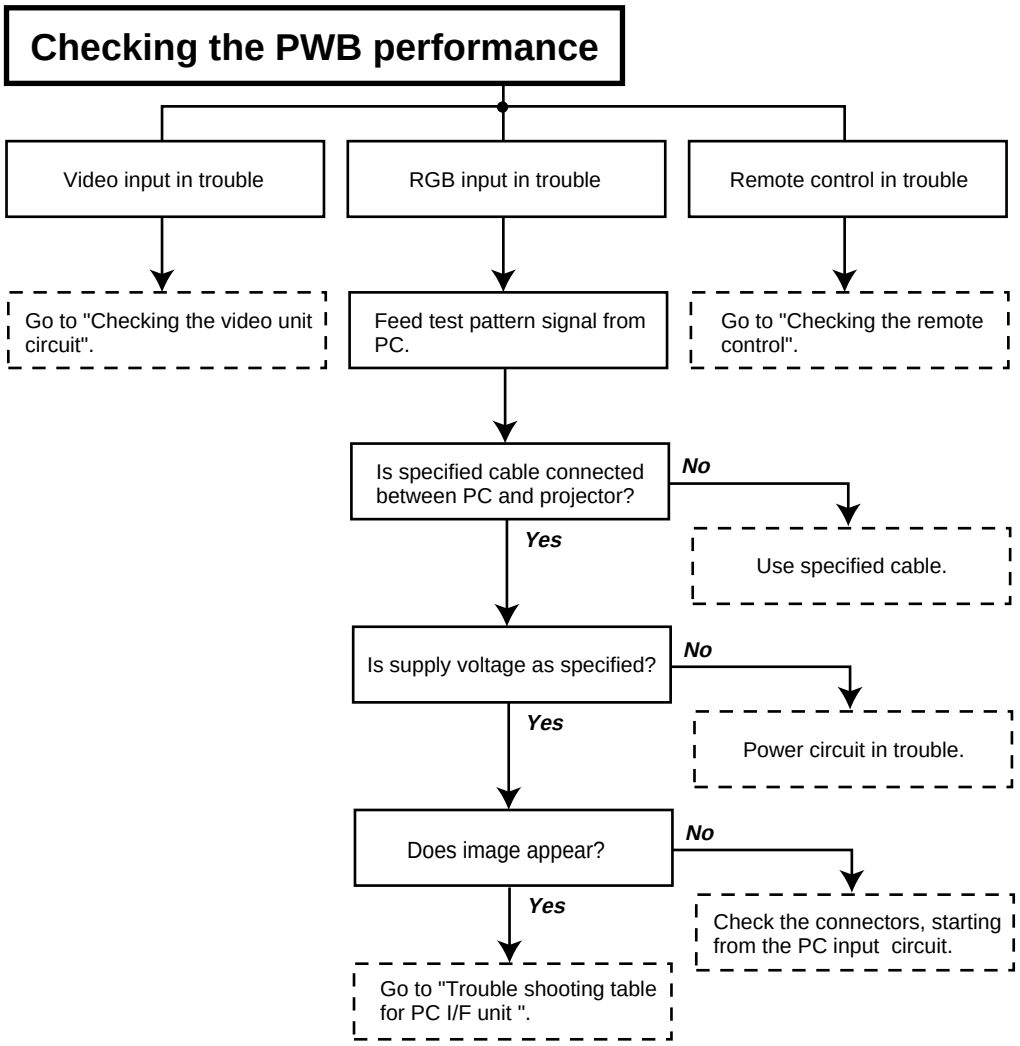
① Oscilloscope setting
Set the range to DC 1 V/div. and 5 μ s/div.

② Input signal
Feed the XGA 1024x768, 60Hz gradation waveform signal and the DTV (720P for example) signal.

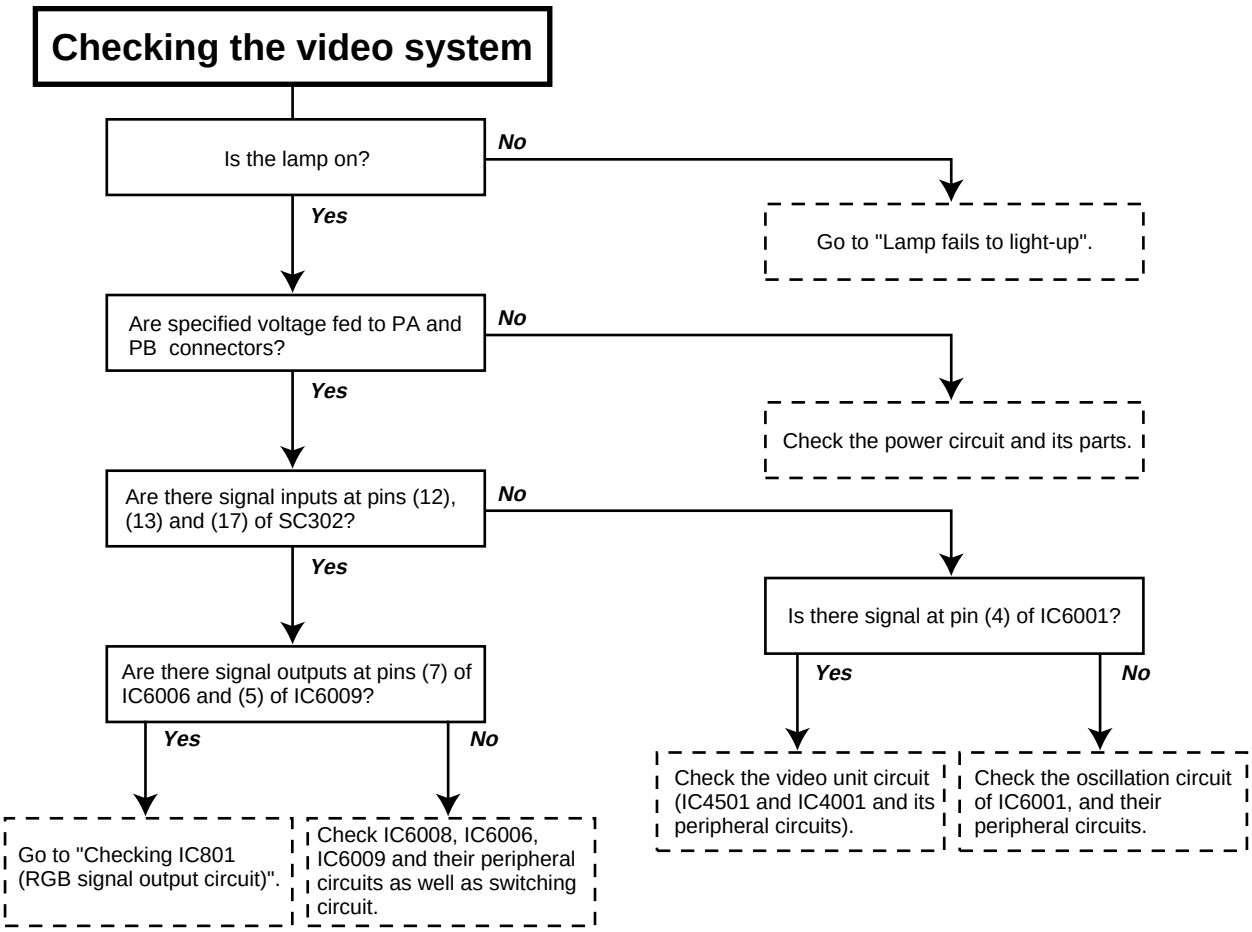
③ Level adjustment and checking

1) Press the S5001 switch to call the process mode.
2) Adjust R750 so that the voltage at test point TL119 be 2.6 ±0.05V.
3) Set the BRIGHT data on the A/D menu to 125.
4) Adjust the R-BRIGHT data on the A/D menu so that the voltage at TP3 be 1.7V.
5) Adjust the G-BRIGHT data on the A/D menu so that the voltage at TP2 be 1.7V.
6) Adjust the B-BRIGHT data on the A/D menu so that the voltage at TP1 be 1.7V.
7) Make sure that the GAIN data on the A/D menu is 155.
8) Connect the synchroscope to TP3. Adjust the R-D data on the A/D menu so that the signal's white peak be 3.6V. (Be also sure that the white and black portions of the gradation are not corrupted.)
9) Connect the synchroscope to TP1. Adjust the B-D data on the A/D menu so that the signal's white peak be 3.6V. (Be also sure that the white and black portions of the gradation are not corrupted.)
10) Connect the synchroscope to TP2. Adjust the G-D data on the A/D menu so that the signal's white peak be 3.6V. (Be also sure that the white and black portions of the gradation are not corrupted.)
11) Feed the DTV signal instead. Enter only the Y component, not the Pb and Pr components.
12) Adjust the R-BRIGHT data on the DTV menu so that the voltage at TP3 be 2.65V.
13) Adjust the B-BRIGHT data on the DTV menu so that the voltage at TP1 be 2.65V.
14) Press the S5001 switch to exit the process mode.

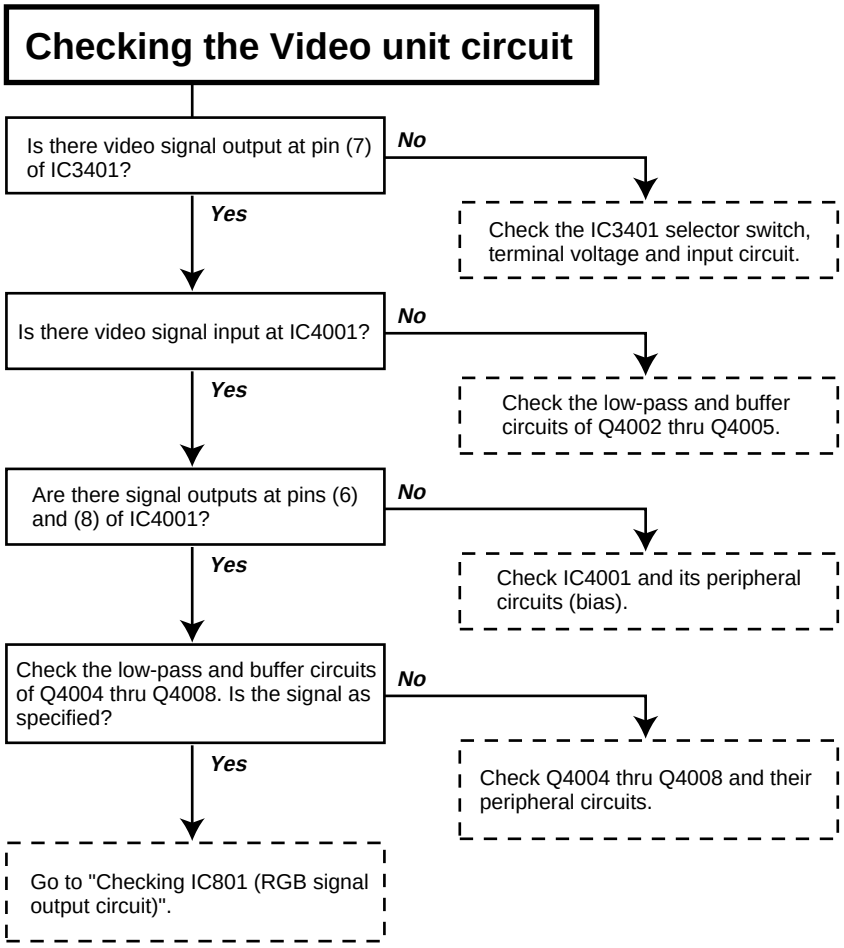
TROUBLE SHOOTING TABLE


Checking the PWB performance
Video input in trouble
RGB input in trouble
Remote control in trouble
Go to "Checking the video unit circuit".
Feed test pattern signal from PC.
Go to "Checking the remote control".
Is specified cable connected between PC and projector?
No
Use specified cable.
Yes
Is supply voltage as specified?
No
Power circuit in trouble.
Yes
Does image appear?
No
Check the connectors, starting from the PC input circuit.
Yes
Go to "Trouble shooting table for PC I/F unit ".

TROUBLE SHOOTING TABLE (Continued)

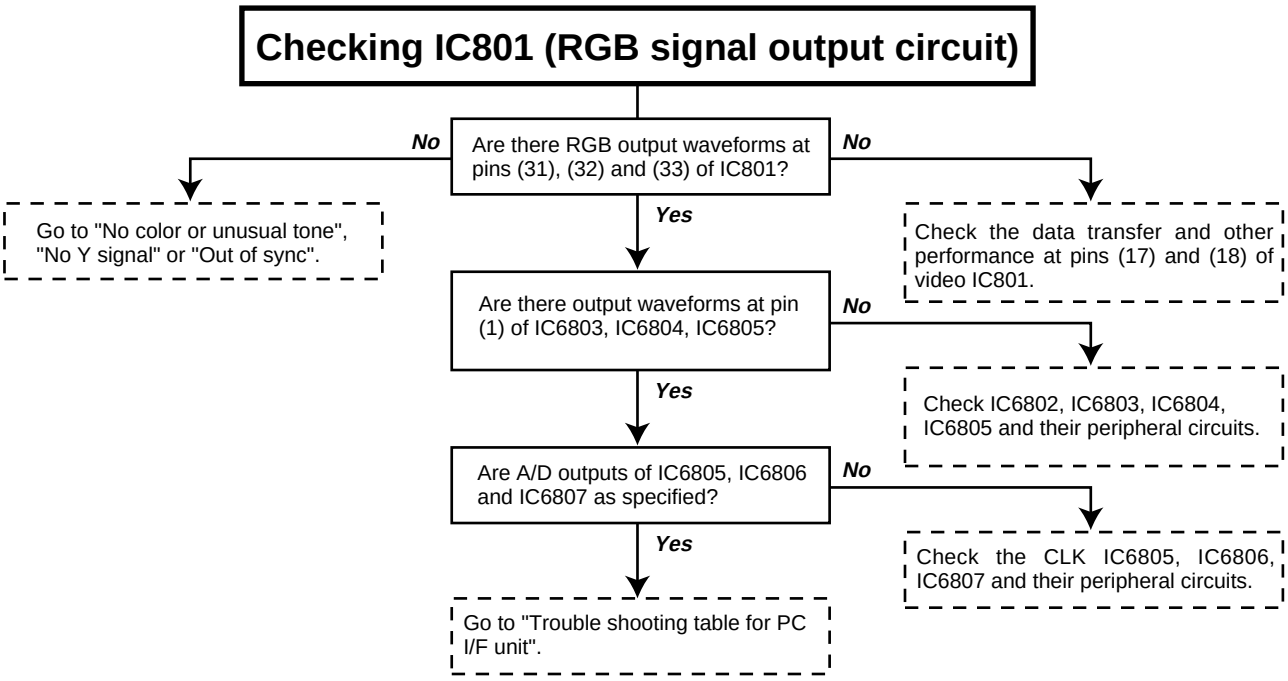

Checking the video system
Is the lamp on?
No
Yes
Go to "Lamp fails to light-up".
Are specified voltage fed to PA and PB connectors?
No
Yes
Check the power circuit and its parts.
Are there signal inputs at pins (12), (13) and (17) of SC302?
No
Yes
Is there signal at pin (4) of IC6001?
Yes
No
Are there signal outputs at pins (7) of IC6006 and (5) of IC6009?
Yes
No
Check the video unit circuit (IC4501 and IC4001 and its peripheral circuits).
Check the oscillation circuit of IC6001, and their peripheral circuits.
Go to "Checking IC801 (RGB signal output circuit)".
Check IC6008, IC6006, IC6009 and their peripheral circuits as well as switching circuit.

TROUBLE SHOOTING TABLE (Continued)

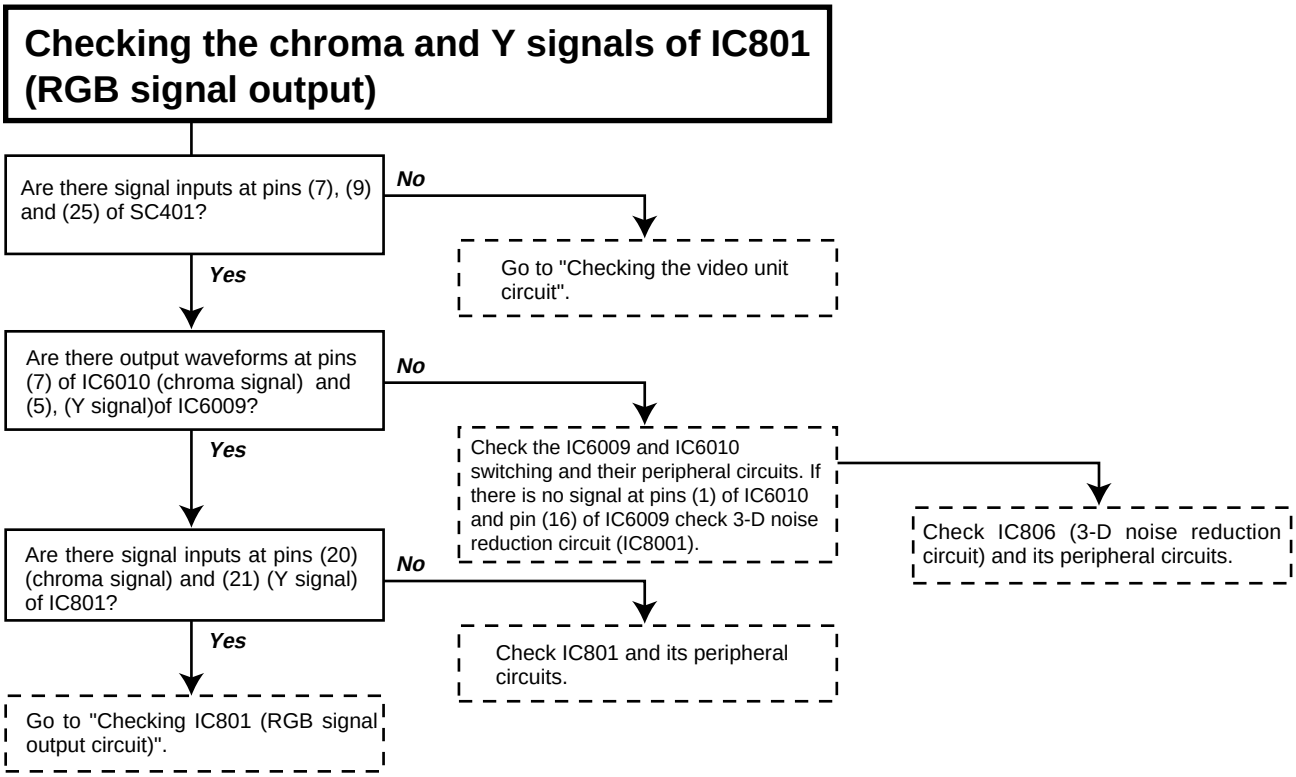

Checking the Video unit circuit
Is there video signal output at pin (7) of IC3401?
No
Check the IC3401 selector switch, terminal voltage and input circuit.
Yes
Is there video signal input at IC4001?
No
Check the low-pass and buffer circuits of Q4002 thru Q4005.
Yes
Are there signal outputs at pins (6) and (8) of IC4001?
No
Check IC4001 and its peripheral circuits (bias).
Yes
Check the low-pass and buffer circuits of Q4004 thru Q4008. Is the signal as specified?
No
Check Q4004 thru Q4008 and their peripheral circuits.
Yes
Go to "Checking IC801 (RGB signal output circuit)".

TROUBLE SHOOTING TABLE (Continued)

Checking IC801 (RGB signal output circuit)

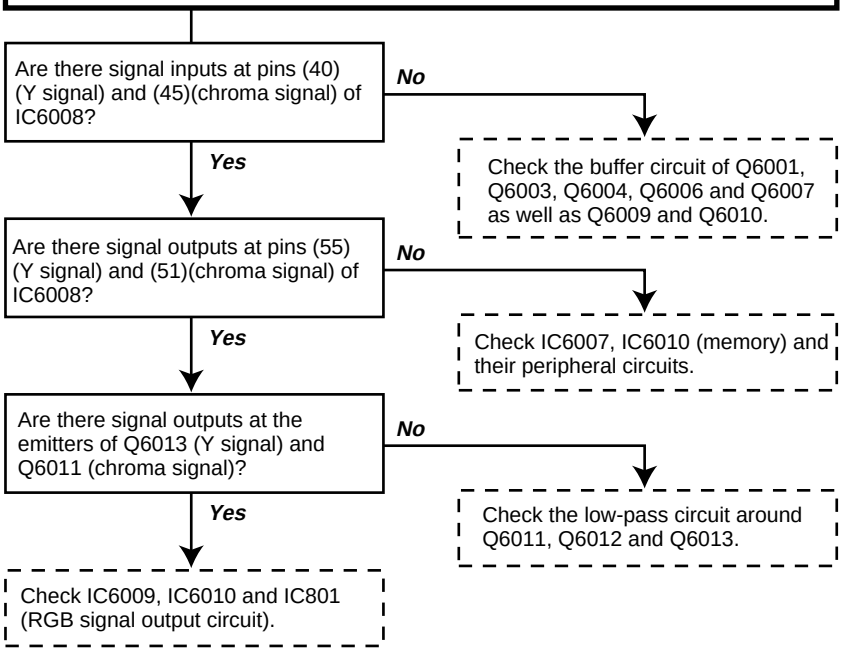

Are there RGB output waveforms at pins (31), (32) and (33) of IC801?
No
Go to "No color or unusual tone", "No Y signal" or "Out of sync".
No
Check the data transfer and other performance at pins (17) and (18) of video IC801.
Yes
Are there output waveforms at pin (1) of IC6803, IC6804, IC6805?
No
Check IC6802, IC6803, IC6804, IC6805 and their peripheral circuits.
Yes
Are A/D outputs of IC6805, IC6806 and IC6807 as specified?
No
Check the CLK IC6805, IC6806, IC6807 and their peripheral circuits.
Yes
Go to "Trouble shooting table for PC I/F unit".

Checking the chroma and Y signals of IC801 (RGB signal output)

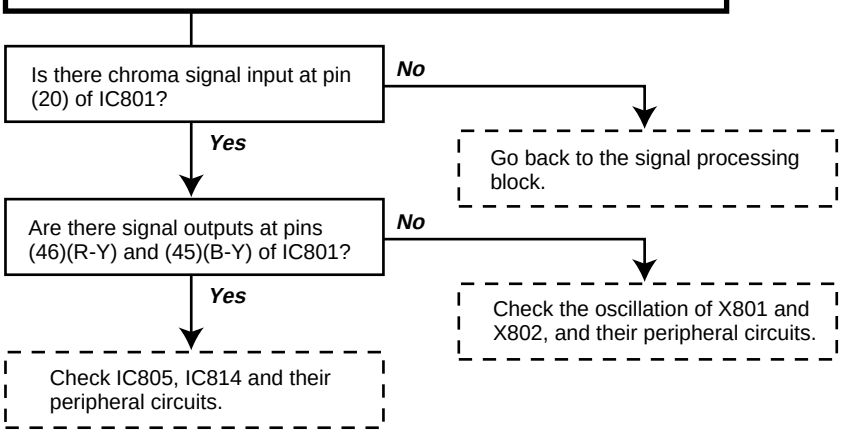

Are there signal inputs at pins (7), (9) and (25) of SC401?
No
Go to "Checking the video unit circuit".
Yes
Are there output waveforms at pins (7) of IC6010 (chroma signal) and (5), (Y signal)of IC6009?
No
Check the IC6009 and IC6010 switching and their peripheral circuits. If there is no signal at pins (1) of IC6010 and pin (16) of IC6009 check 3-D noise reduction circuit (IC8001).
Check IC806 (3-D noise reduction circuit) and its peripheral circuits.
Yes
Are there signal inputs at pins (20) (chroma signal) and (21) (Y signal) of IC801?
No
Check IC801 and its peripheral circuits.
Yes
Go to "Checking IC801 (RGB signal output circuit)".

TROUBLE SHOOTING TABLE (Continued)

Checking IC6008 (3-D noise reduction circuit) and its peripheral circuits

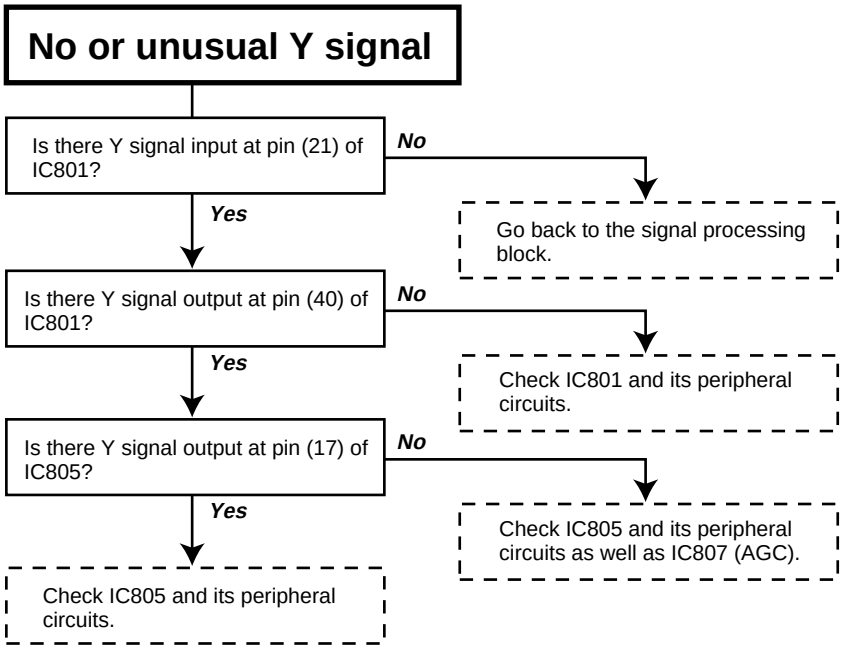

Are there signal inputs at pins (40) (Y signal) and (45)(chroma signal) of IC6008?
No
Check the buffer circuit of Q6001, Q6003, Q6004, Q6006 and Q6007 as well as Q6009 and Q6010.
Yes
Are there signal outputs at pins (55) (Y signal) and (51)(chroma signal) of IC6008?
No
Check IC6007, IC6010 (memory) and their peripheral circuits.
Yes
Are there signal outputs at the emitters of Q6013 (Y signal) and Q6011 (chroma signal)?
No
Check the low-pass circuit around Q6011, Q6012 and Q6013.
Yes
Check IC6009, IC6010 and IC801 (RGB signal output circuit).

No color or unusual tone (NTSC, PAL)

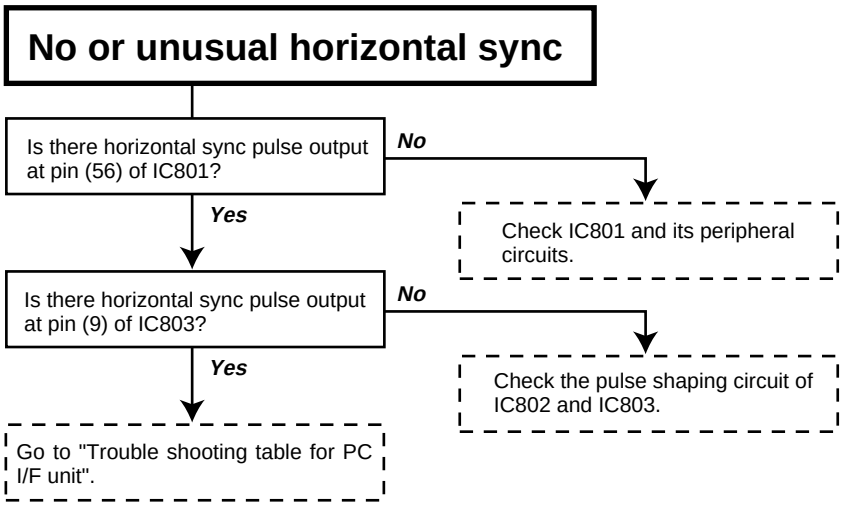

Is there chroma signal input at pin (20) of IC801?
No
Go back to the signal processing block.
Yes
Are there signal outputs at pins (46)(R-Y) and (45)(B-Y) of IC801?
No
Check the oscillation of X801 and X802, and their peripheral circuits.
Yes
Check IC805, IC814 and their peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)

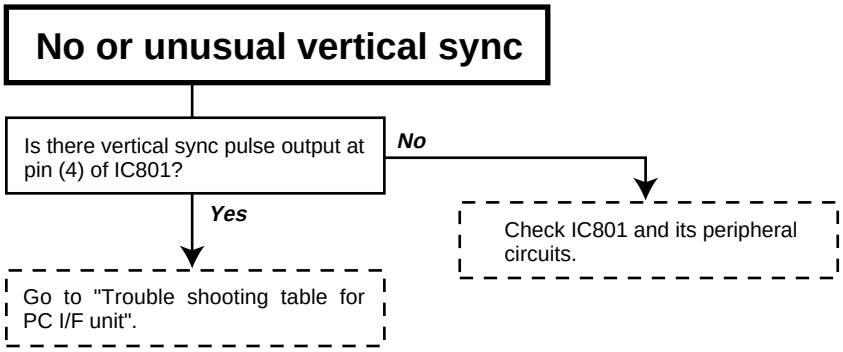
No or unusual Y signal


Is there Y signal input at pin (21) of IC801?
No
Go back to the signal processing block.
Yes
Is there Y signal output at pin (40) of IC801?
No
Check IC801 and its peripheral circuits.
Yes
Is there Y signal output at pin (17) of IC805?
No
Check IC805 and its peripheral circuits as well as IC807 (AGC).
Yes
Check IC805 and its peripheral circuits.

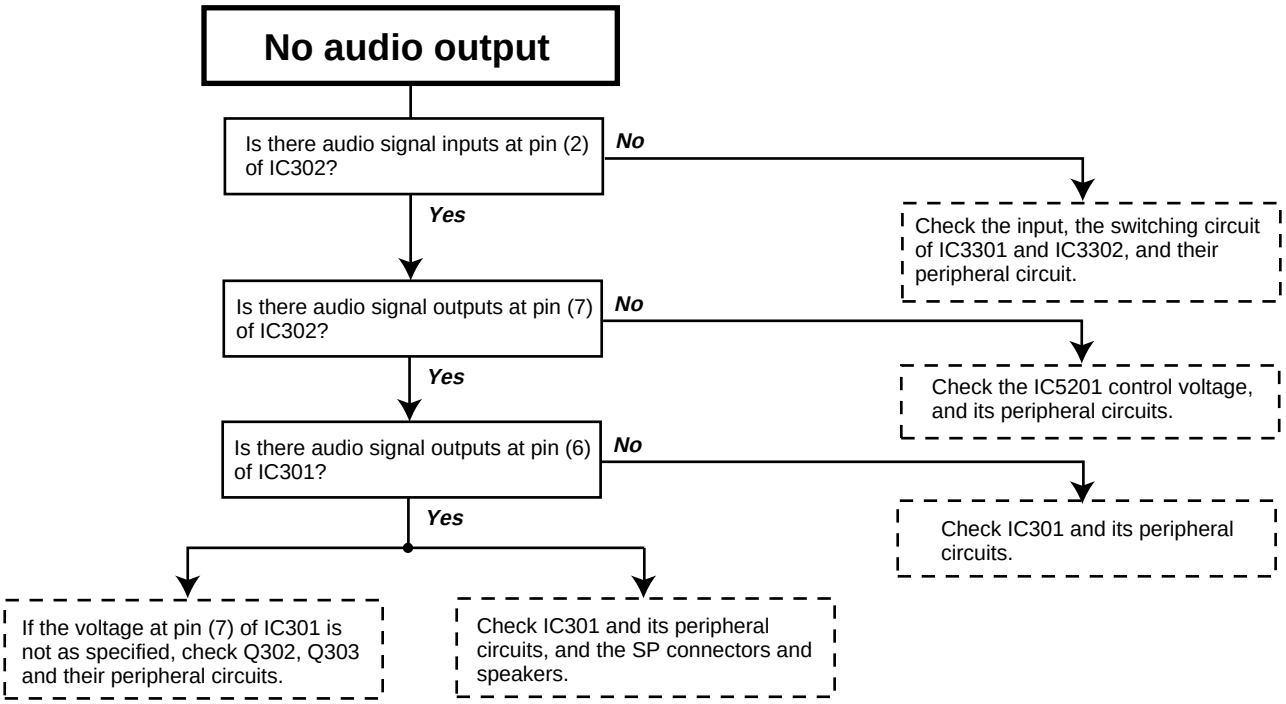
No or unusual horizontal sync

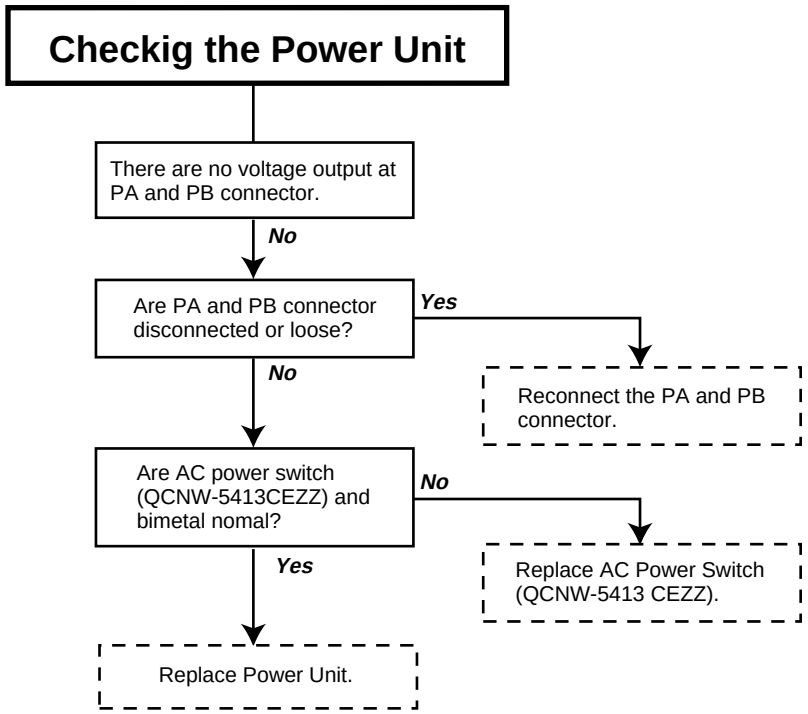

Is there horizontal sync pulse output at pin (56) of IC801?
No
Check IC801 and its peripheral circuits.
Yes
Is there horizontal sync pulse output at pin (9) of IC803?
No
Check the pulse shaping circuit of IC802 and IC803.
Yes
Go to "Trouble shooting table for PC I/F unit".

No or unusual vertical sync

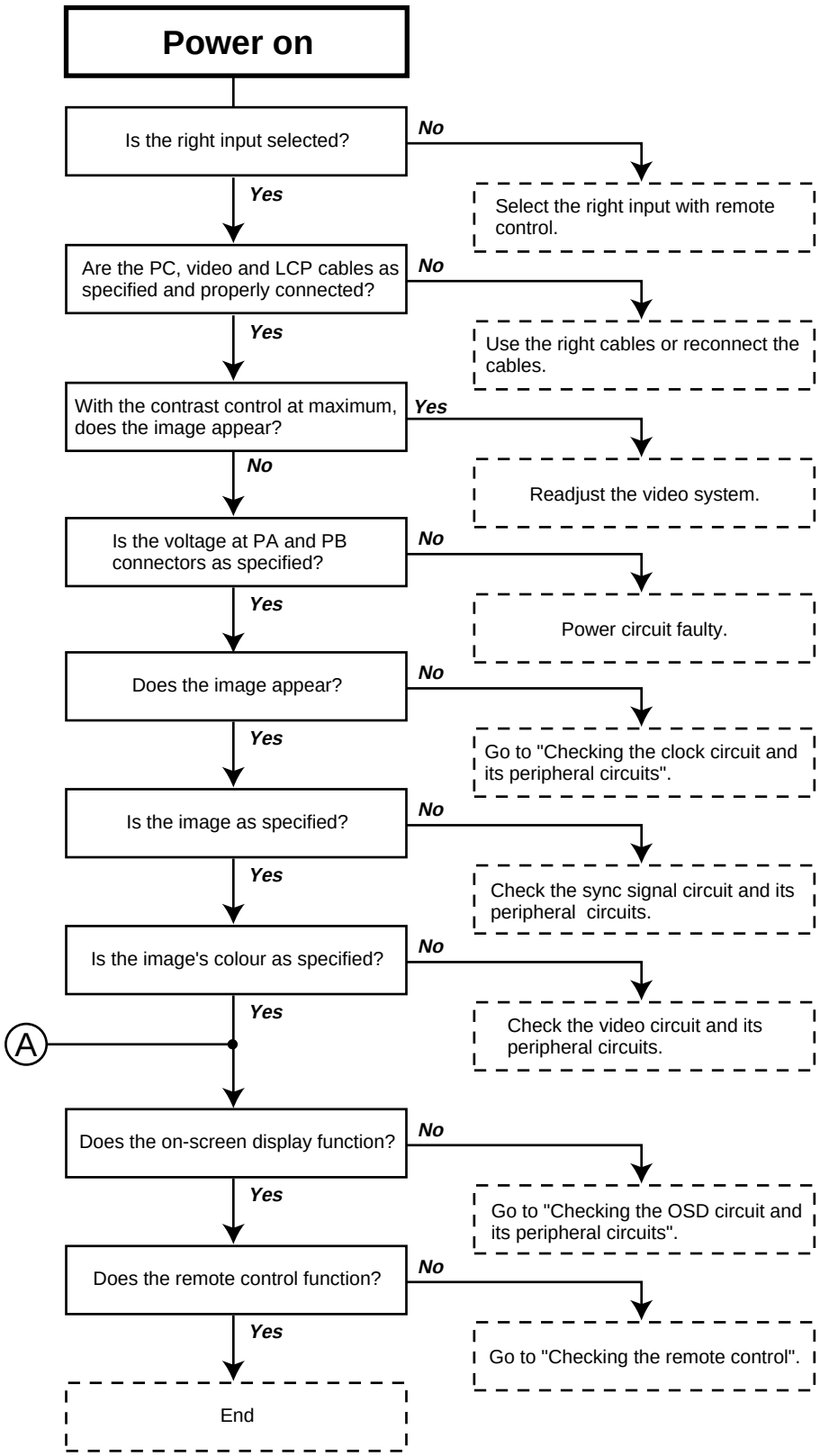

Is there vertical sync pulse output at pin (4) of IC801?
No
Check IC801 and its peripheral circuits.
Yes
Go to "Trouble shooting table for PC I/F unit".

TROUBLE SHOOTING TABLE (Continued)

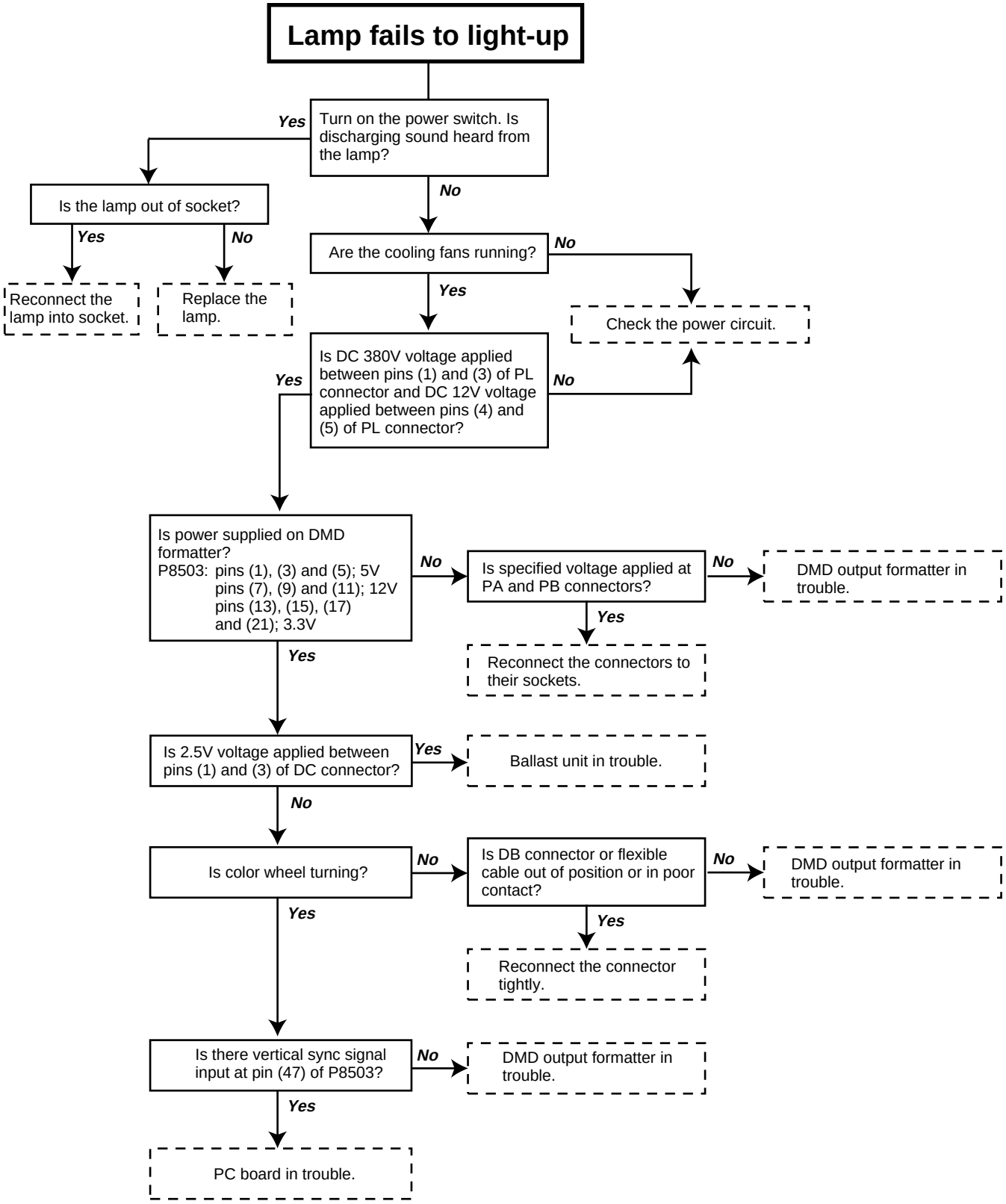

No audio output
Is there audio signal inputs at pin (2) of IC302?
No
Yes
Check the input, the switching circuit of IC3301 and IC3302, and their peripheral circuit.
Is there audio signal outputs at pin (7) of IC302?
No
Yes
Check the IC5201 control voltage, and its peripheral circuits.
Is there audio signal outputs at pin (6) of IC301?
No
Yes
Check IC301 and its peripheral circuits.
If the voltage at pin (7) of IC301 is not as specified, check Q302, Q303 and their peripheral circuits.
Check IC301 and its peripheral circuits, and the SP connectors and speakers.


Checkig the Power Unit
There are no voltage output at PA and PB connector.
No
Are PA and PB connector disconnected or loose?
Yes
Reconnect the PA and PB connector.
No
Are AC power switch (QCNW-5413CEZZ) and bimetal nomal?
No
Replace AC Power Switch (QCNW-5413 CEZZ).
Yes
Replace Power Unit.

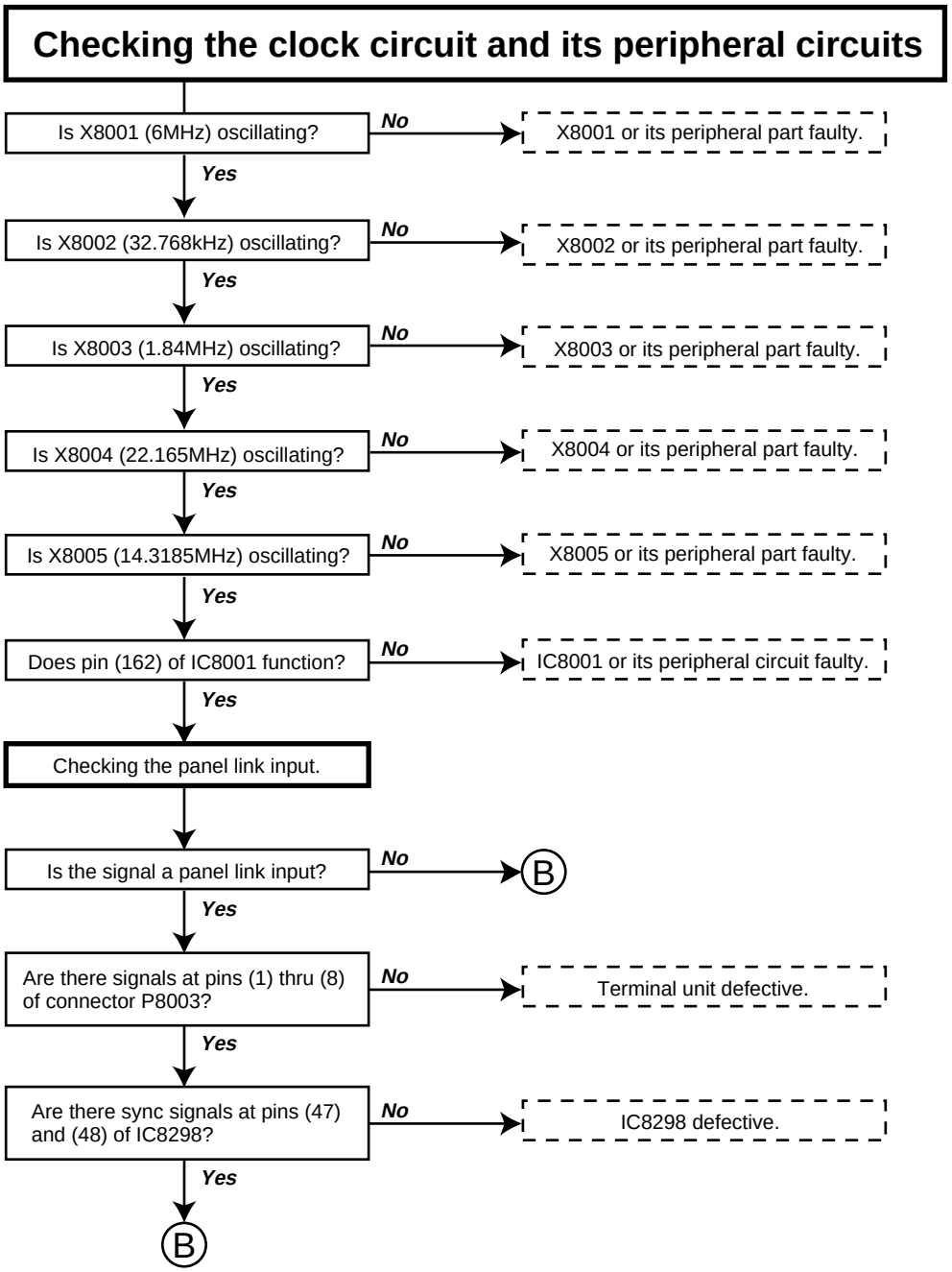
TROUBLE SHOOTING TABLE (Continued)



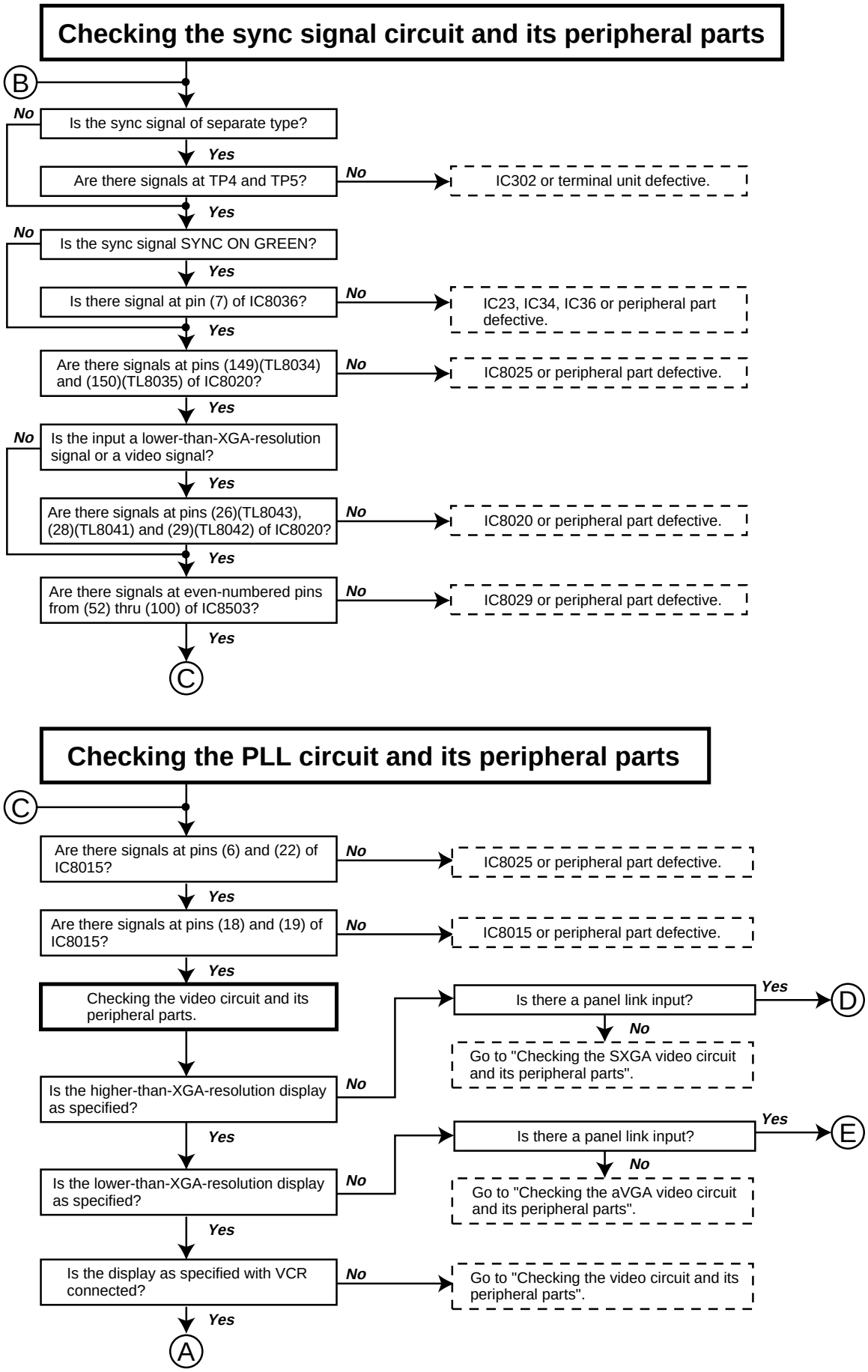
TROUBLE SHOOTING TABLE (Continued)


Lamp fails to light-up
Turn on the power switch. Is discharging sound heard from the lamp?
Yes
No
Is the lamp out of socket?
Yes
No
Reconnect the lamp into socket.
Replace the lamp.
Are the cooling fans running?
No
Yes
Check the power circuit.
Is DC 380V voltage applied between pins (1) and (3) of PL connector and DC 12V voltage applied between pins (4) and (5) of PL connector?
Yes
No
Is power supplied on DMD formatter?
P8503: pins (1), (3) and (5); 5V
pins (7), (9) and (11); 12V
pins (13), (15), (17) and (21); 3.3V
No
Is specified voltage applied at PA and PB connectors?
No
DMD output formatter in trouble.
Yes
Reconnect the connectors to their sockets.
Yes
Is 2.5V voltage applied between pins (1) and (3) of DC connector?
Yes
Ballast unit in trouble.
No
Is color wheel turning?
No
Is DB connector or flexible cable out of position or in poor contact?
No
DMD output formatter in trouble.
Yes
Reconnect the connector tightly.
Yes
Is there vertical sync signal input at pin (47) of P8503?
No
DMD output formatter in trouble.
Yes
PC board in trouble.

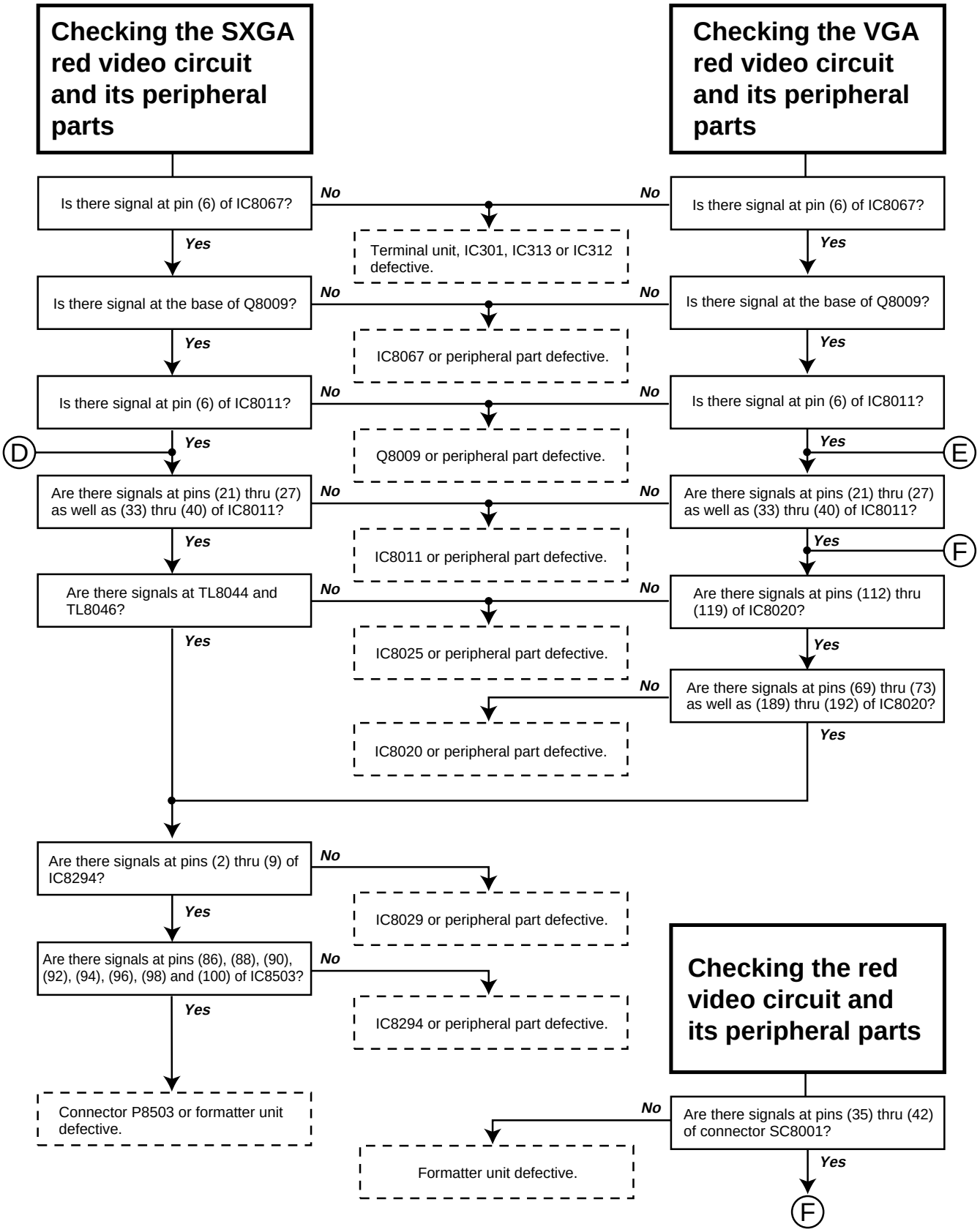
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-1



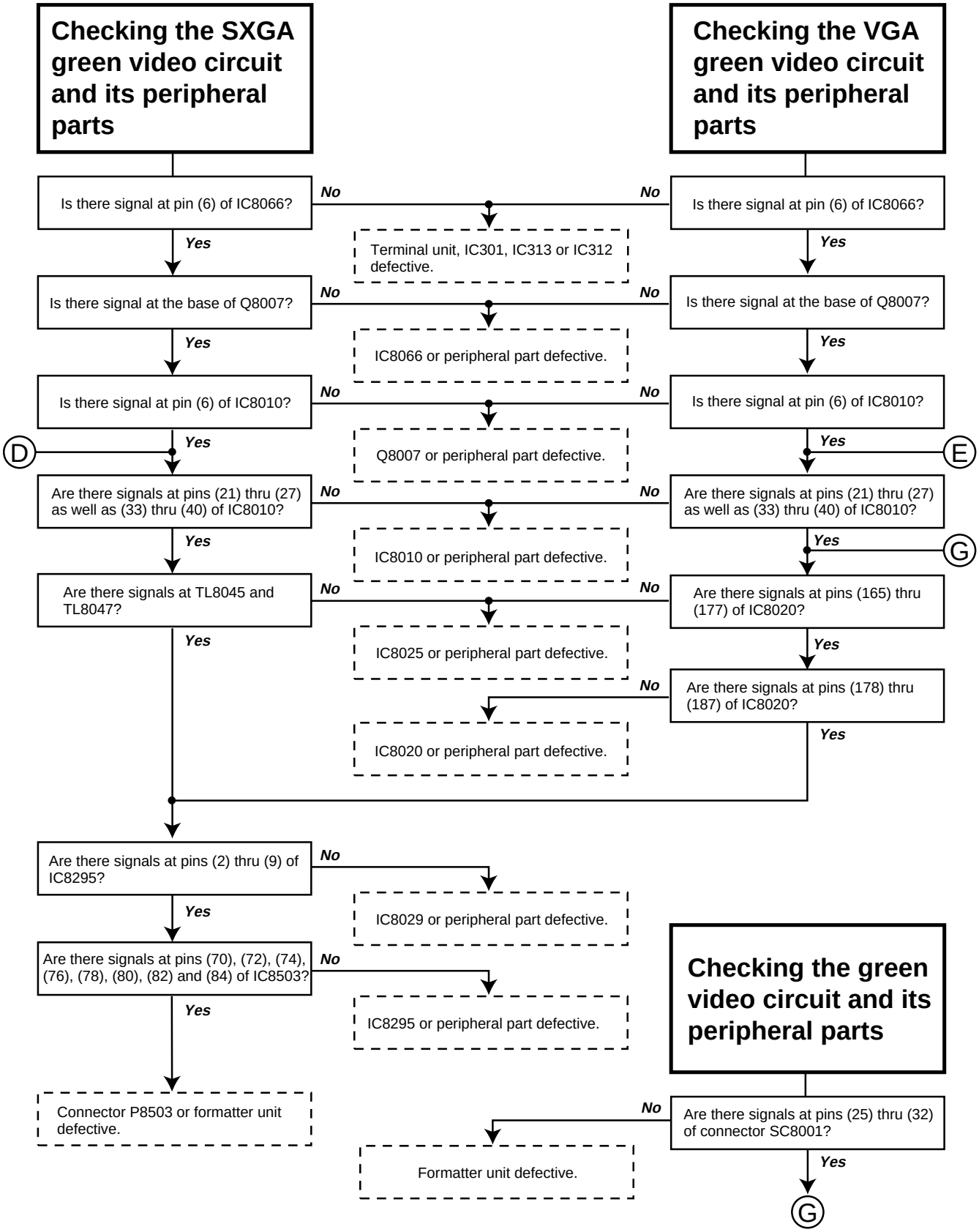
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-2


Checking the sync signal circuit and its peripheral parts
B
No
Is the sync signal of separate type?
Yes
Are there signals at TP4 and TP5?
No
IC302 or terminal unit defective.
Yes
No
Is the sync signal SYNC ON GREEN?
Yes
Is there signal at pin (7) of IC8036?
No
IC23, IC34, IC36 or peripheral part defective.
Yes
Are there signals at pins (149)(TL8034) and (150)(TL8035) of IC8020?
No
IC8025 or peripheral part defective.
Yes
No
Is the input a lower-than-XGA-resolution signal or a video signal?
Yes
Are there signals at pins (26)(TL8043), (28)(TL8041) and (29)(TL8042) of IC8020?
No
IC8020 or peripheral part defective.
Yes
Are there signals at even-numbered pins from (52) thru (100) of IC8503?
No
IC8029 or peripheral part defective.
Yes
C
Checking the PLL circuit and its peripheral parts
C
Are there signals at pins (6) and (22) of IC8015?
No
IC8025 or peripheral part defective.
Yes
Are there signals at pins (18) and (19) of IC8015?
No
IC8015 or peripheral part defective.
Yes
Checking the video circuit and its peripheral parts.
Is there a panel link input?
Yes
D
No
Go to "Checking the SXGA video circuit and its peripheral parts".
Is the higher-than-XGA-resolution display as specified?
No
Yes
Is there a panel link input?
Yes
E
No
Go to "Checking the aVGA video circuit and its peripheral parts".
Is the lower-than-XGA-resolution display as specified?
No
Yes
Is the display as specified with VCR connected?
No
Go to "Checking the video circuit and its peripheral parts".
Yes
A

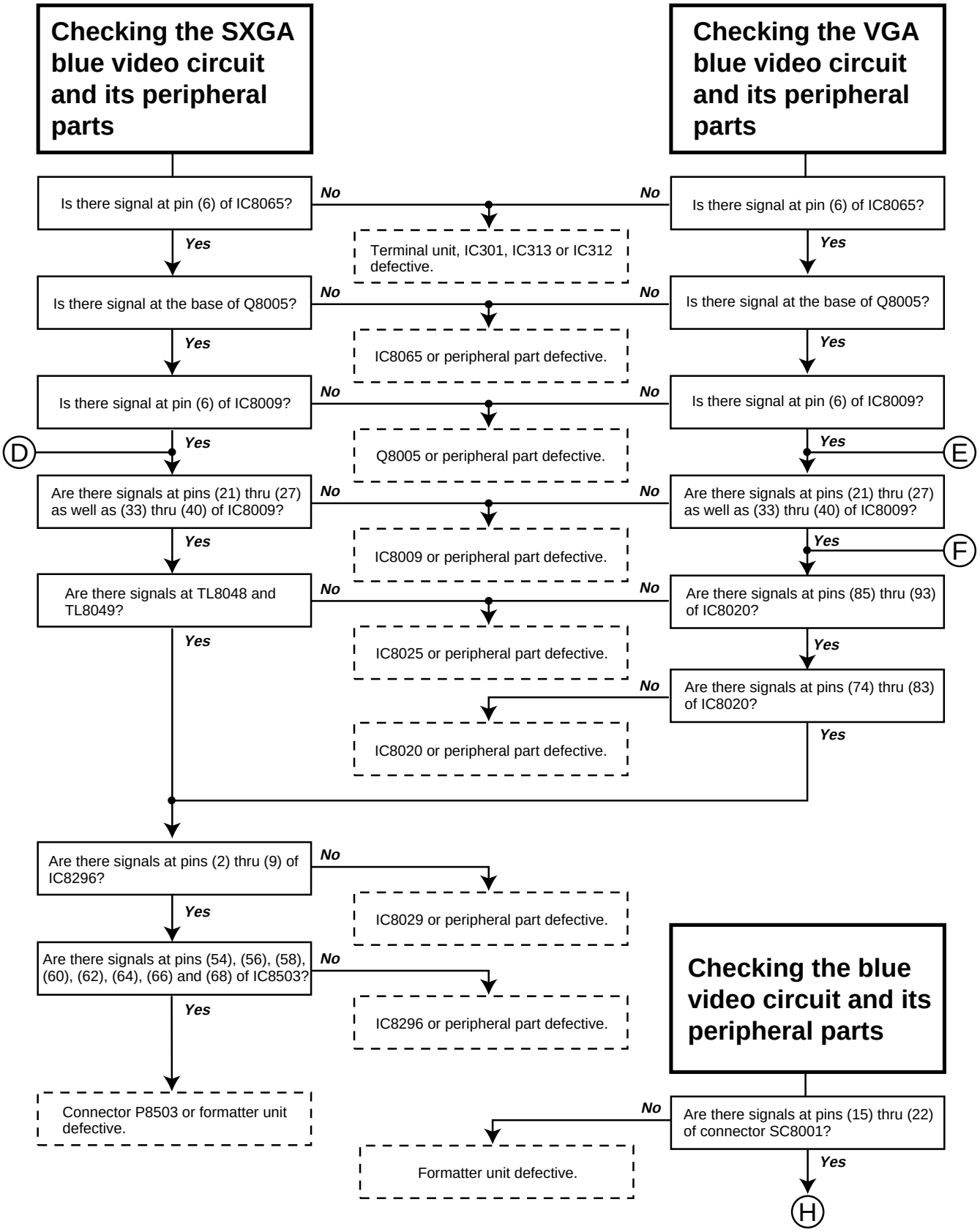
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-3


Checking the SXGA red video circuit and its peripheral parts
Checking the VGA red video circuit and its peripheral parts
Is there signal at pin (6) of IC8067?
No
Terminal unit, IC301, IC313 or IC312 defective.
Yes
Is there signal at the base of Q8009?
IC8067 or peripheral part defective.
Is there signal at pin (6) of IC8011?
Q8009 or peripheral part defective.
D
E
Are there signals at pins (21) thru (27) as well as (33) thru (40) of IC8011?
IC8011 or peripheral part defective.
F
Are there signals at TL8044 and TL8046?
Are there signals at pins (112) thru (119) of IC8020?
IC8025 or peripheral part defective.
Are there signals at pins (69) thru (73) as well as (189) thru (192) of IC8020?
IC8020 or peripheral part defective.
Are there signals at pins (2) thru (9) of IC8294?
IC8029 or peripheral part defective.
Are there signals at pins (86), (88), (90), (92), (94), (96), (98) and (100) of IC8503?
IC8294 or peripheral part defective.
Connector P8503 or formatter unit defective.
Checking the red video circuit and its peripheral parts
Are there signals at pins (35) thru (42) of connector SC8001?
Formatter unit defective.

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-4

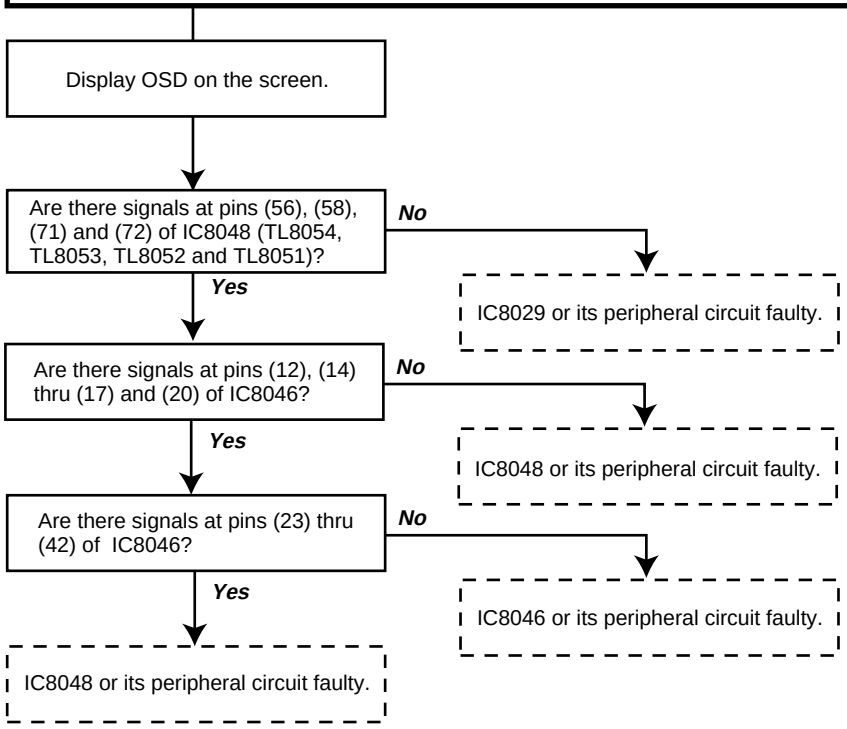

Checking the SXGA green video circuit and its peripheral parts
Is there signal at pin (6) of IC8066?
No
Terminal unit, IC301, IC313 or IC312 defective.
Yes
Is there signal at the base of Q8007?
No
IC8066 or peripheral part defective.
Yes
Is there signal at pin (6) of IC8010?
No
Q8007 or peripheral part defective.
Yes
D
Are there signals at pins (21) thru (27) as well as (33) thru (40) of IC8010?
No
IC8010 or peripheral part defective.
Yes
Are there signals at TL8045 and TL8047?
No
IC8025 or peripheral part defective.
Yes
Are there signals at pins (2) thru (9) of IC8295?
No
IC8029 or peripheral part defective.
Yes
Are there signals at pins (70), (72), (74), (76), (78), (80), (82) and (84) of IC8503?
No
IC8295 or peripheral part defective.
Yes
Connector P8503 or formatter unit defective.
Checking the VGA green video circuit and its peripheral parts
Is there signal at pin (6) of IC8066?
No
Yes
Is there signal at the base of Q8007?
No
Yes
Is there signal at pin (6) of IC8010?
No
Yes
E
Are there signals at pins (21) thru (27) as well as (33) thru (40) of IC8010?
No
Yes
G
Are there signals at pins (165) thru (177) of IC8020?
No
Yes
Are there signals at pins (178) thru (187) of IC8020?
No
IC8020 or peripheral part defective.
Yes
Checking the green video circuit and its peripheral parts
Are there signals at pins (25) thru (32) of connector SC8001?
No
Formatter unit defective.
Yes
G

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-5

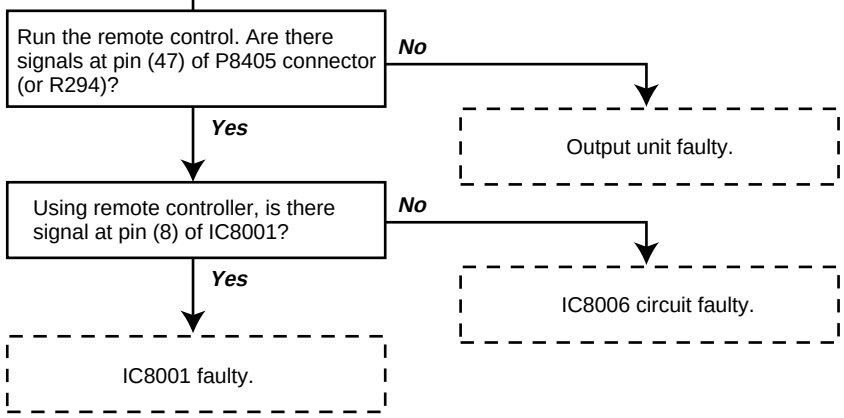

Checking the SXGA blue video circuit and its peripheral parts
Checking the VGA blue video circuit and its peripheral parts
Is there signal at pin (6) of IC8065?
No
Terminal unit, IC301, IC313 or IC312 defective.
Yes
Is there signal at the base of Q8005?
IC8065 or peripheral part defective.
Is there signal at pin (6) of IC8009?
Q8005 or peripheral part defective.
D
E
Are there signals at pins (21) thru (27) as well as (33) thru (40) of IC8009?
IC8009 or peripheral part defective.
F
Are there signals at TL8048 and TL8049?
IC8025 or peripheral part defective.
Are there signals at pins (85) thru (93) of IC8020?
Are there signals at pins (74) thru (83) of IC8020?
IC8020 or peripheral part defective.
Are there signals at pins (2) thru (9) of IC8296?
IC8029 or peripheral part defective.
Are there signals at pins (54), (56), (58), (60), (62), (64), (66) and (68) of IC8503?
IC8296 or peripheral part defective.
Connector P8503 or formatter unit defective.
Checking the blue video circuit and its peripheral parts
Are there signals at pins (15) thru (22) of connector SC8001?
Formatter unit defective.
H

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-6

Checking the OSD circuit and its peripheral circuits

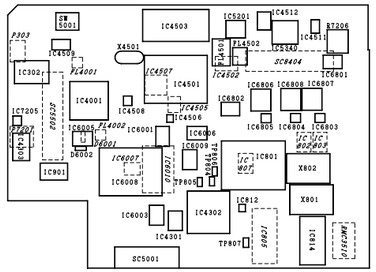

Display OSD on the screen.
Are there signals at pins (56), (58), (71) and (72) of IC8048 (TL8054, TL8053, TL8052 and TL8051)?
No
IC8029 or its peripheral circuit faulty.
Yes
Are there signals at pins (12), (14) thru (17) and (20) of IC8046?
No
IC8048 or its peripheral circuit faulty.
Yes
Are there signals at pins (23) thru (42) of IC8046?
No
IC8046 or its peripheral circuit faulty.
Yes
IC8048 or its peripheral circuit faulty.

Checking the remote control

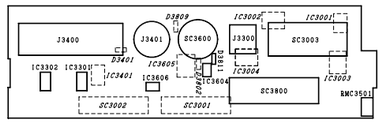

Run the remote control. Are there signals at pin (47) of P8405 connector (or R294)?
No
Output unit faulty.
Yes
Using remote controller, is there signal at pin (8) of IC8001?
No
IC8006 circuit faulty.
Yes
IC8001 faulty.

CHASSIS LAYOUT

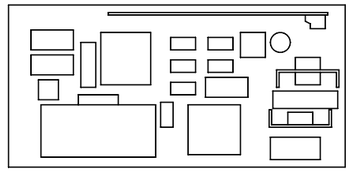
MAIN UNIT
DUNTK9965DE01



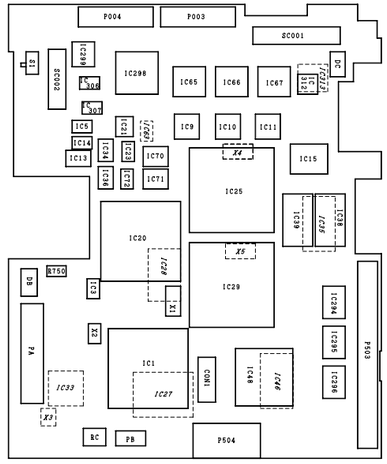
TERMINAL UNIT
DUNTK9966DE01



BALLAST UNIT
9FU768815400

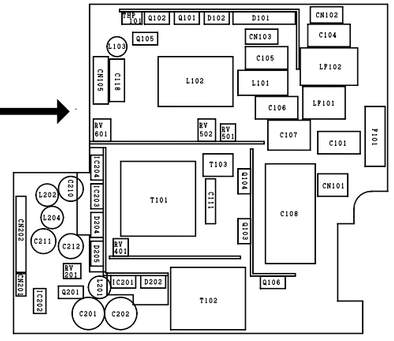


PC I/F UNIT
CPCI-0036CE01

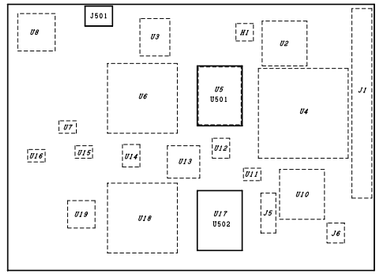


R/C UNIT
DUNTK9967DE01

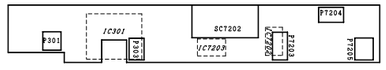
POWER UNIT
9FU768813500



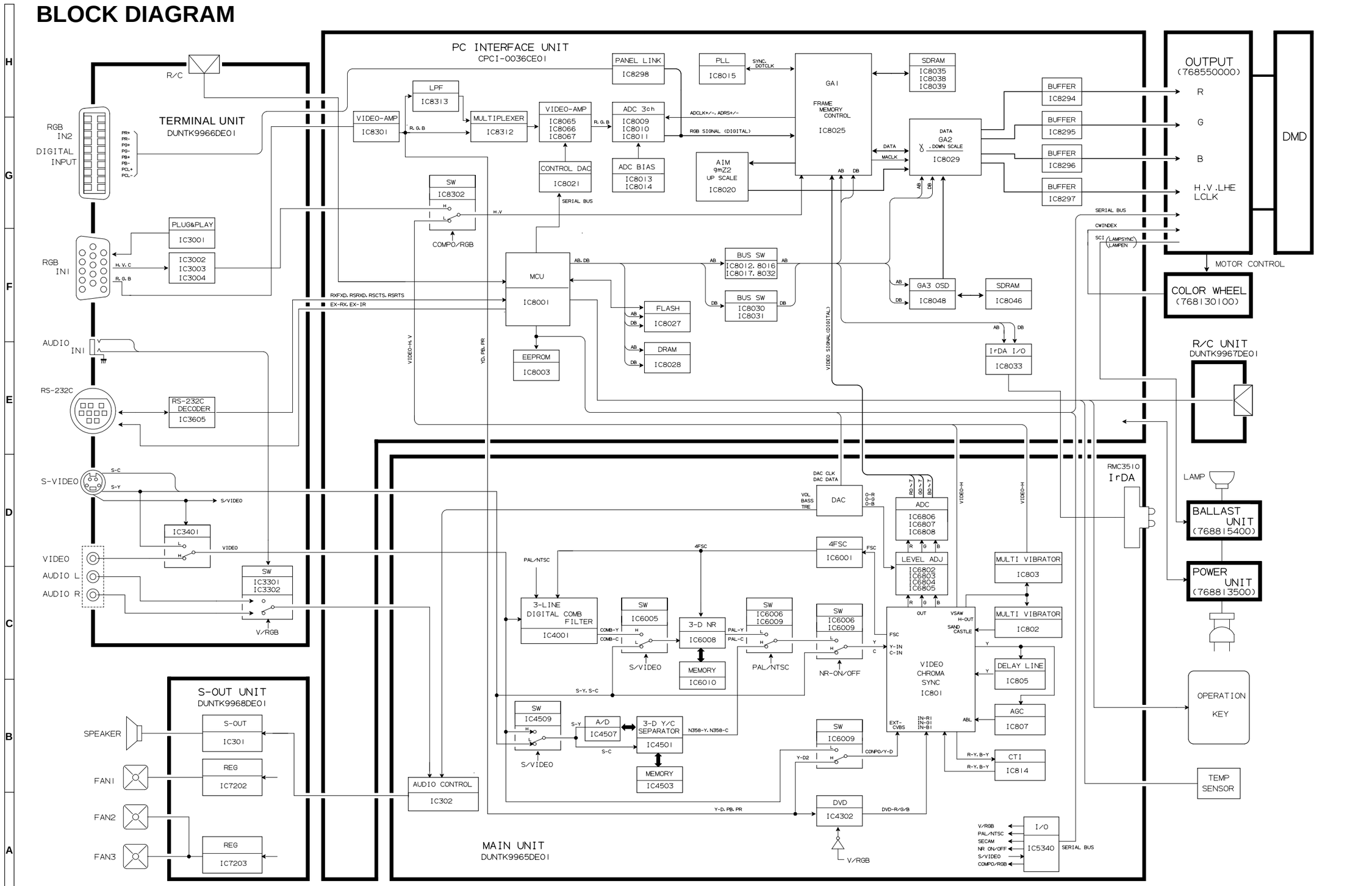
OUTPUT UNIT
9FU768550000



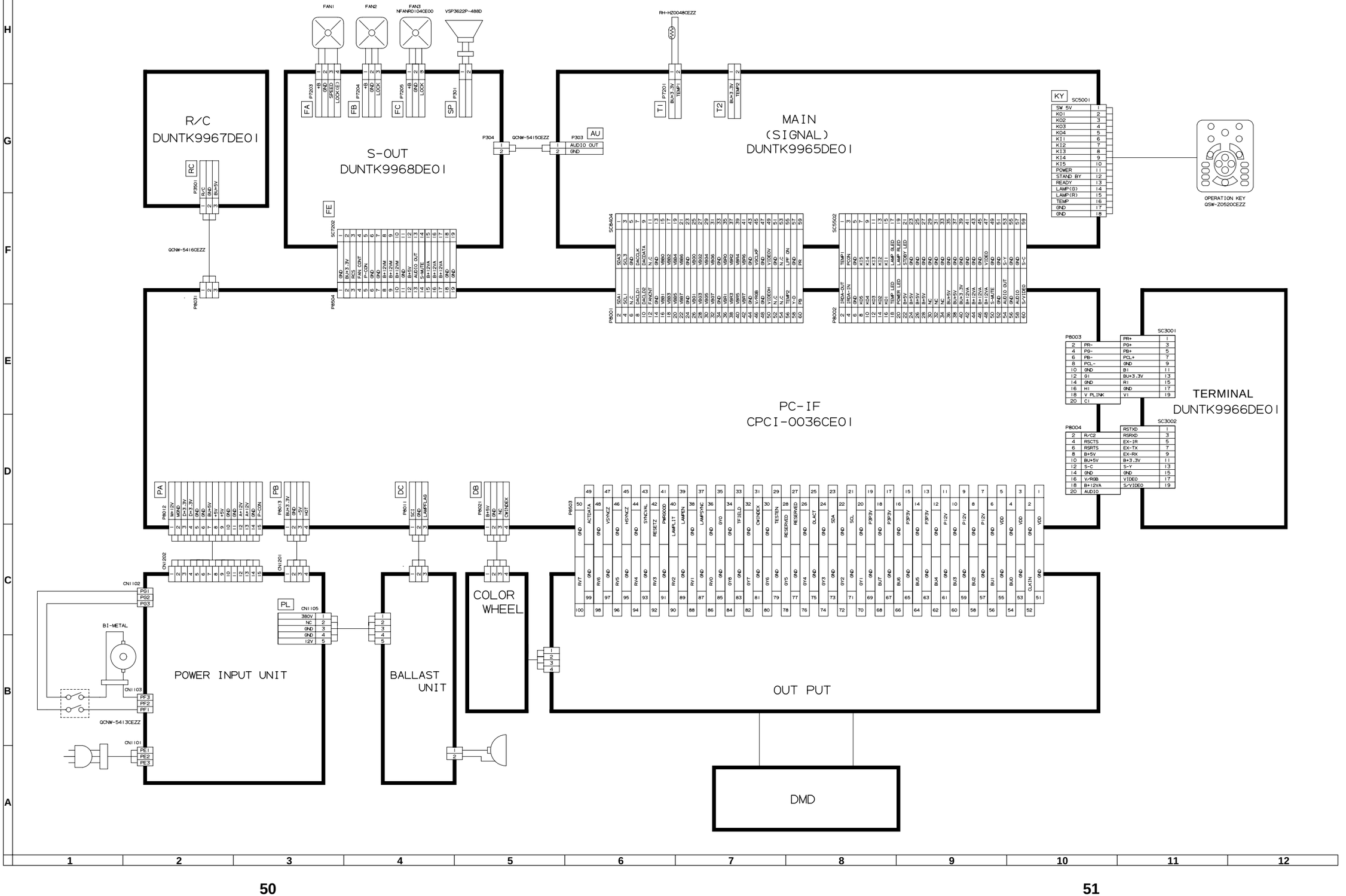
S-OUT UNIT
DUNTK9968DE01



BLOCK DIAGRAM



OVERALL WIRING DIAGRAM



DESCRIPTION OF CONNECTOR

P8503

Pin No.	I/O	Pin Name	Signal Name	Description
1, 3, 5	O	VDD		+5V
7, 9, 11	O	P12V		+12V
13, 15, 17, 19	O	P3P3V		+3.3V
21	I/O	SCL	Serial BUs CLock	I^2C bus clock
23	O	SDA	Serial BUs Date	I^2C bus data
25	O	OLACT	Overlay Active	Not used (pull-down)
29	O	TESTEN	Test Enable	Not used (pull-down)
31	O	CWINDEX	Color Wheel Index	Color wheel turn detection signal
33	O	TFIELD		Not used (pull-down)
35	O	GYO		Not used (pull-down)
37	I	LAMPSYNC	Lamp Sync	Lamp AC drive control pulse signal
39	I	LAMPEN	Lamp Enable	Not used (open)
40	O	LAMPLIT	Lamp Lit Indication	Not used (pull-up)
41	O	PWRGOOD	System Power Good	DMD output power control signal, High = ON
42	O	RESETZ	System Reset Sign	Lamp on control signal
43	O	SYNCVAL	Sync Valid	Not used (pull-up)
45	O	HSYNCZ	H-sync	Horizontal sync
47	O	VSYNCZ	V-sync	Vertical sync
49	O	ACTDATA	Active Data	Screen active signal
52	O	CLKIN	Clock in	Dot clock (57.27MHz)
54, 56, 58, 60, 62, 64, 66, 68	O	BU0-7		Blue data signal
70, 72, 74, 76, 78, 80, 82, 84	O	GY1-8		Green data signal
86, 88, 90, 92, 94, 96, 98, 100	O	RV0-7		Red data signal

P8011 “DC”

Pin No.	I/O	Pin Name	Signal Name	Description
1	O	SCI	Start Control Input	Lamp AC drive control pulse signal
3	I	LAMPFLUG	Lamp Flug	Low = Lamp on, High = Lamp off

P8021 “DB”

Pin No.	I/O	Pin Name	Signal Name	Description
4	I	CWINDEX	Color Wheel Index	Color wheel turn detection signal

Note: The I/O (input or output) is a signal flow that is seen from the PC interface unit.

DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. Waveforms at test points are observed at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted. (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/10W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.
   - Ⓒ: Solid
   - Ⓢ: Oxide Film
   - Ⓝ: Metal Coating
   - Ⓦ: Cement
   - Ⓣ: Special

CAPACITOR

1. All capacitors are μF, unless otherwise noted. (P=pF=μμF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.
   - (ML): Mylar
   - (PF): Polypro Film
   - (TA): Tantalum
   - (ST): Styrol

CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

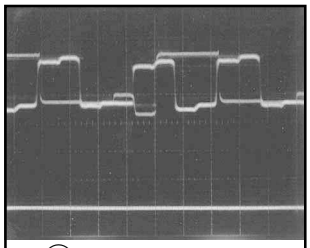
SAFETY NOTES:

1. ***DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACEING PARTS.***
2. ***SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.***

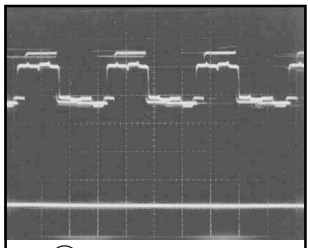
IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "⚠" ( ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

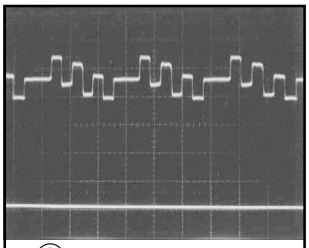
WAVEFORMS



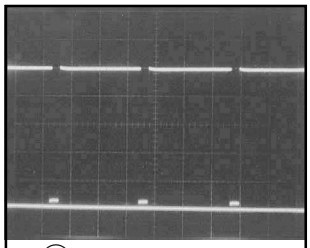
① TP804
(R)
H : 10μsec/div
V : 0.5V/div



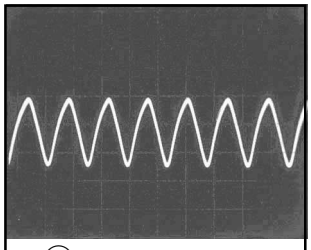
② TP805
(G)
H : 20μsec/div
V : 0.5V/div



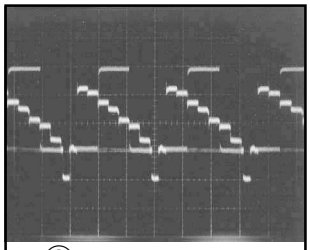
③ TP807
(B-Y)
H : 20μsec/div
V : 1V/div



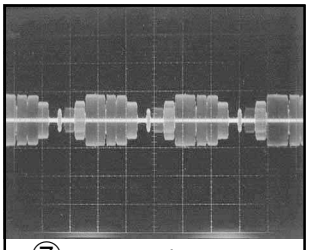
④ IC801 56-pin
(H-OUT)
H : 20μsec/div
V : 1V/div



⑤ Q6008 Emitter
(4FSC)
H : 50μsec/div
V : 0.5V/div

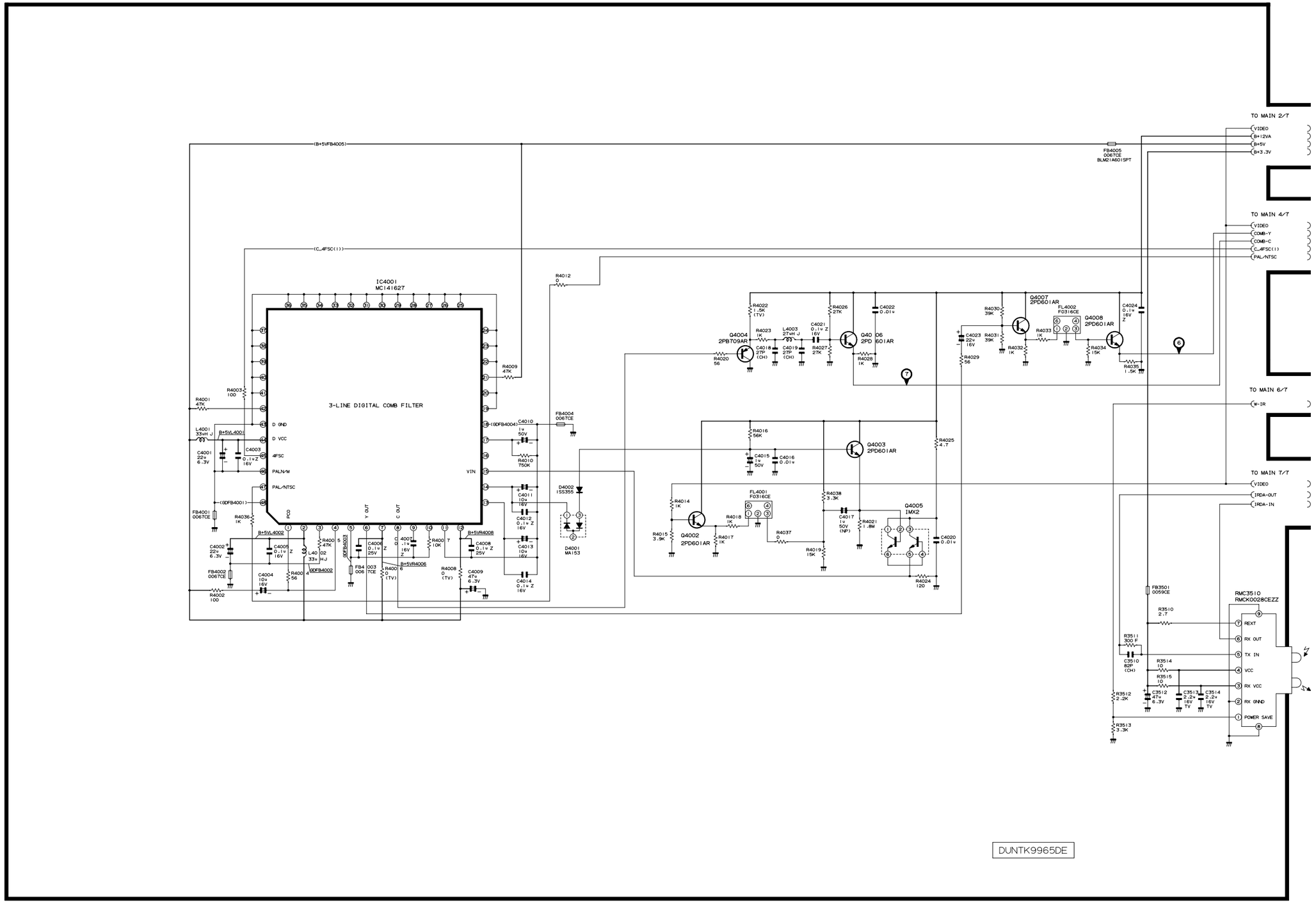


⑥ Q4008 Emitter
(Y-signal)
H : 10μsec/div
V : 0.2V/div

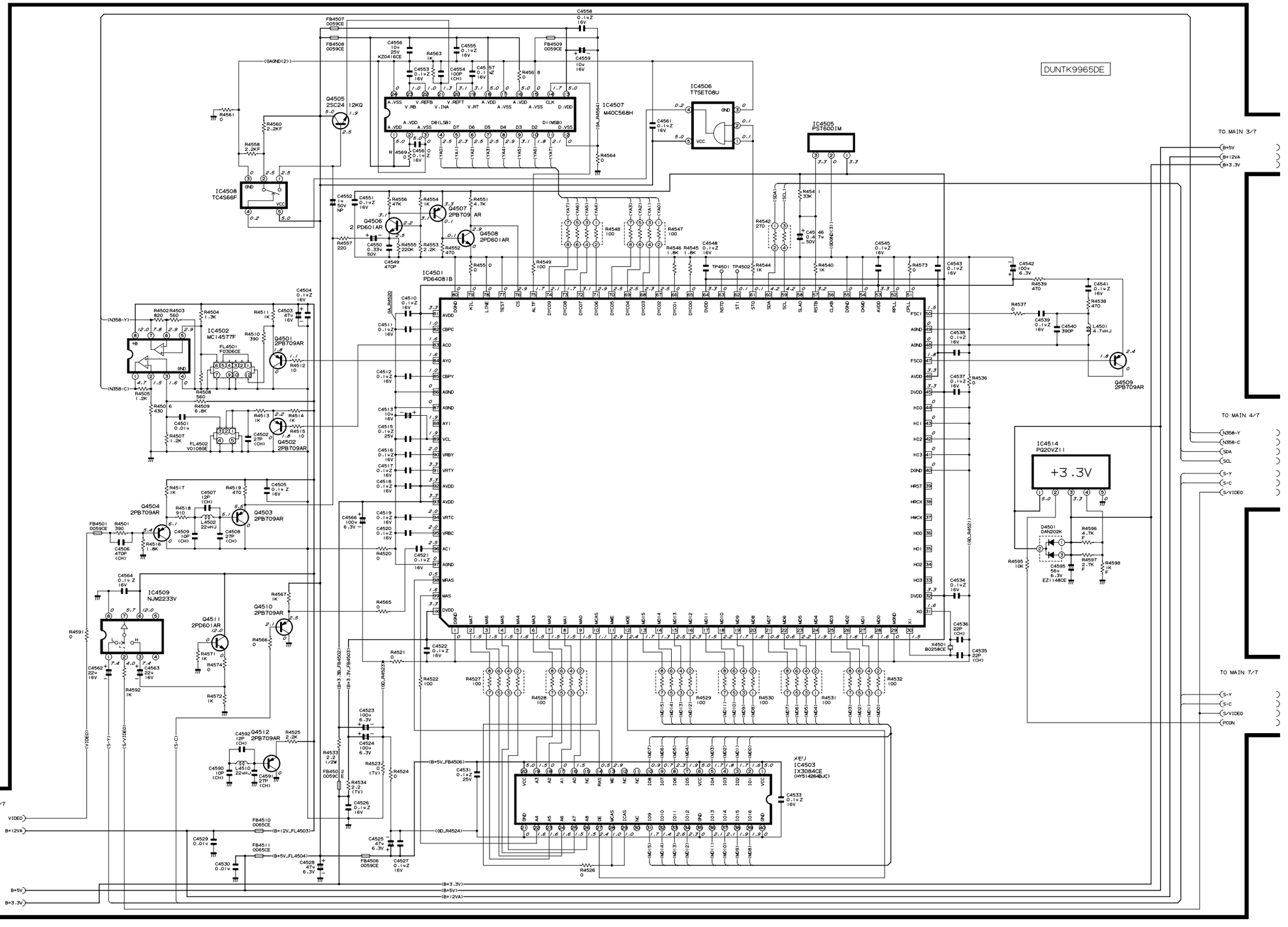


⑦ Q4006 Emitter
(CHROMA signal)
H : 10μsec/div
V : 0.2V/div

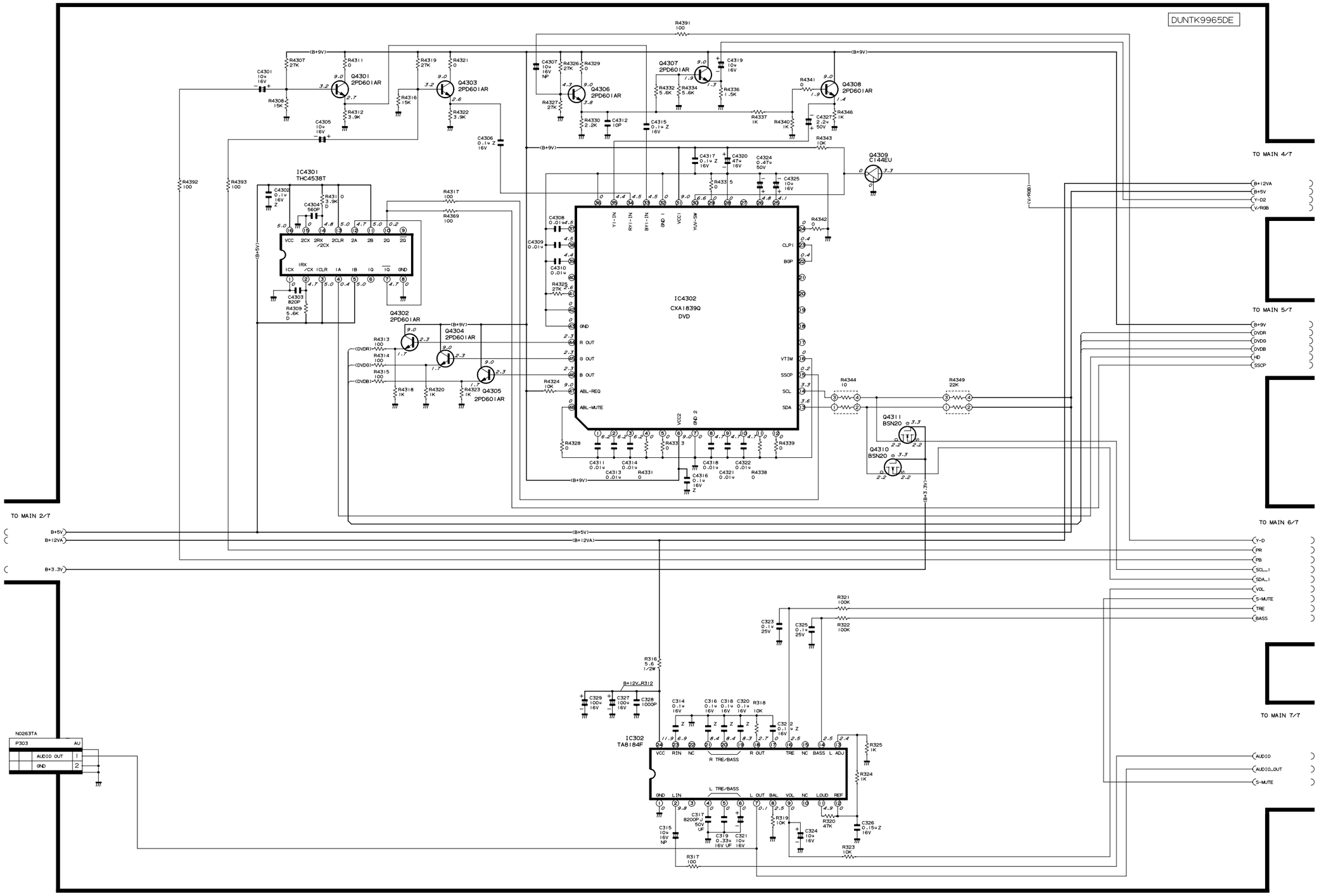
■ MAIN UNIT-1/7


IC4001
MC141627T
3-LINE DIGITAL COMB FILTER
(B+5VFB4005)
(C_4FSC(I))
FB4005
0067CE
BLM21A601SPT
R4012
0
R4009
47K
R4003
100
R4001
47K
L4001
33uH_J
B+5VL4001
C4001
22u
6.3V
C4003
0.1u Z
16V
D GND
D VCC
4FSC
PALN/M
PAL/NTSC
(DFB4001)
FB4001
0067CE
R4036
1K
B+5VL4002
C4002
22u
6.3V
C4005
0.1u Z
16V
R4005
47K
L4002
33u H_J
(DFB4002)
C4004
10u
16V
R4004
56
FB4002
0067CE
R4002
100
(DFB4003)
FB4003
0067CE
R4006
0
(TV)
B+5VR4006
C4007
0.1u Z
16V
R4007
10K
R4008
0
(TV)
C4009
47u
6.3V
B+5VR4008
C4008
0.1u Z
25V
C4006
0.1u Z
25V
Y OUT
C OUT
PCO
VIN
(DFB4004)
C4010
1u
50V
FB4004
0067CE
R4010
750K
C4011
10u
16V
C4012
0.1u Z
16V
C4013
10u
16V
C4014
0.1u Z
16V
D4002
1SS355
D4001
MA153
R4022
1.5K
(TV)
Q4004
2PB709AR
R4023
1K
C4018
27P
(CH)
L4003
27uH J
C4019
27P
(CH)
C4021
0.1u Z
16V
R4026
27K
R4027
27K
C4022
0.01u
Q4006
2PD601AR
R4028
1K
R4020
56
R4016
56K
C4015
1u
50V
C4016
0.01u
Q4003
2PD601AR
R4025
4.7
R4014
1K
Q4002
2PD601AR
R4018
1K
R4017
1K
FL4001
F0316CE
R4038
3.3K
C4017
1u
50V
(NP)
R4021
1.8M
R4037
0
R4019
15K
R4015
3.9K
Q4005
IMX2
C4020
0.01u
R4024
120
Q4007
2PD601AR
R4030
39K
R4033
1K
R4031
39K
R4032
1K
FL4002
F0316CE
Q4008
2PD601AR
R4034
15K
C4024
0.1u
16V
Z
R4035
1.5K
C4023
22u
16V
R4029
56
TO MAIN 2/7
VIDEO
B+12VA
B+5V
B+3.3V
TO MAIN 4/7
VIDEO
COMB-Y
COMB-C
C_4FSC(I)
PAL/NTSC
TO MAIN 6/7
W-IR
TO MAIN 7/7
VIDEO
IRDA-OUT
IRDA-IN
FB3501
0059CE
RMC3510
RMCK0028CEZZ
R3510
2.7
REXT
RX OUT
TX IN
VCC
RX VCC
RX GNND
POWER SAVE
R3511
300 F
C3510
82P
(CH)
R3514
10
R3515
10
C3512
47u
6.3V
C3513
2.2u
16V
TV
C3514
2.2u
16V
TV
R3512
2.2K
R3513
3.3K
DUNTK9965DE

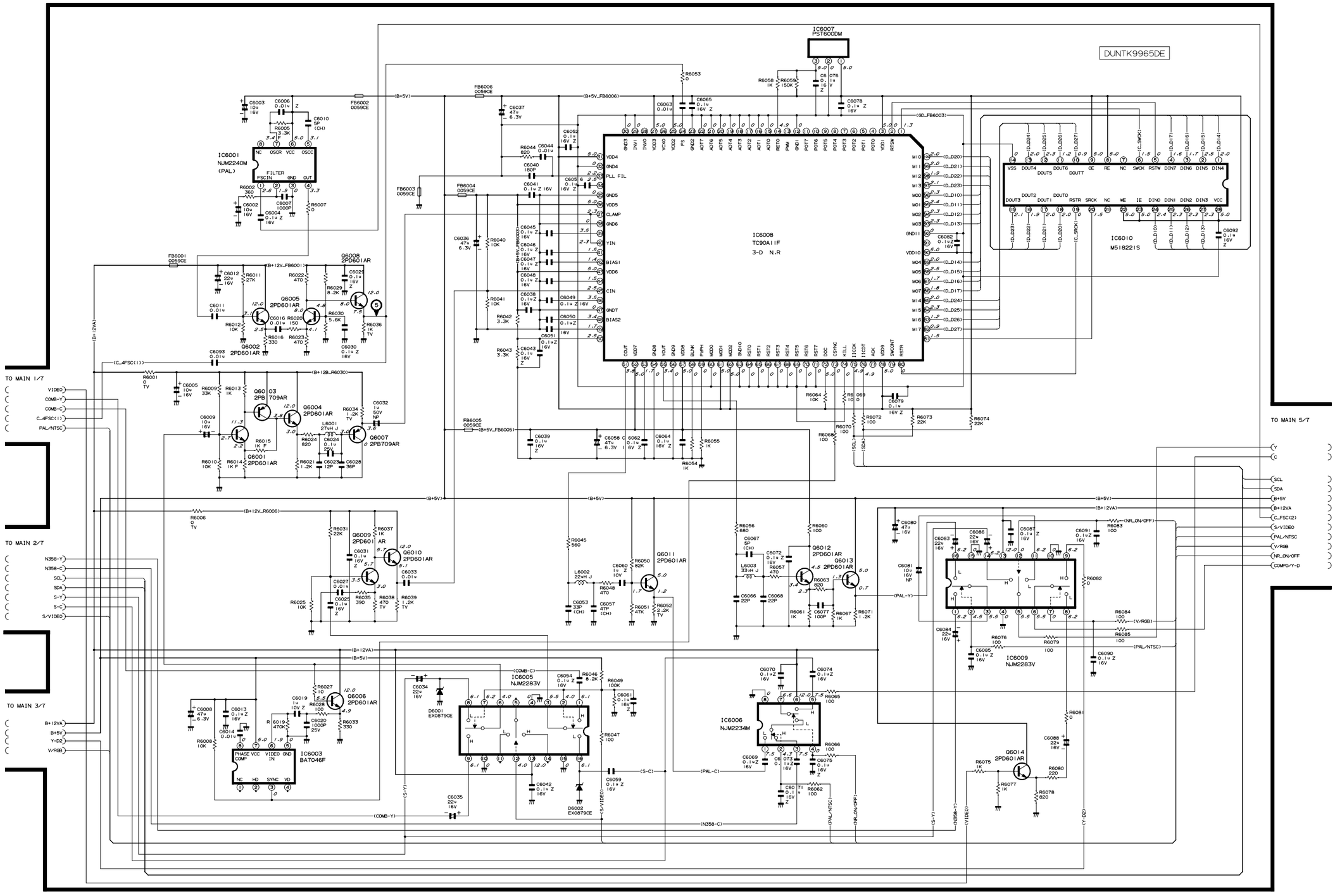
■ MAIN UNIT-2/7


DUNTK9965DE
IC4501
PD64081B
IC4502
MC145775F
IC4503
IX3084CE
(HY514264BJC)
IC4504
PQ20VZ11
+3.3V
IC4505
PST6001M
IC4506
TTSET08U
IC4507
M40C568H
IC4508
TC4S66F
IC4509
NJM2233V
Q4501 2PB709AR
Q4502 2PB709AR
Q4503 2PB709AR
Q4504 2PB709AR
Q4505 2SC2412KQ
Q4506 2PD601AR
Q4507 2PB709AR
Q4508 2PD601AR
Q4509 2PB709AR
Q4510 2PB709AR
Q4511 2PD601AR
Q4512 2PB709AR
D4501 DAN202K
TO MAIN 3/7
TO MAIN 4/7
TO MAIN 7/7
TO MAIN 1/7
B+5V
B+12VA
B+3.3V
VIDEO
S-Y
S-C
S-VIDEO
PCON
SDA
SCL
N358-Y
N358-C

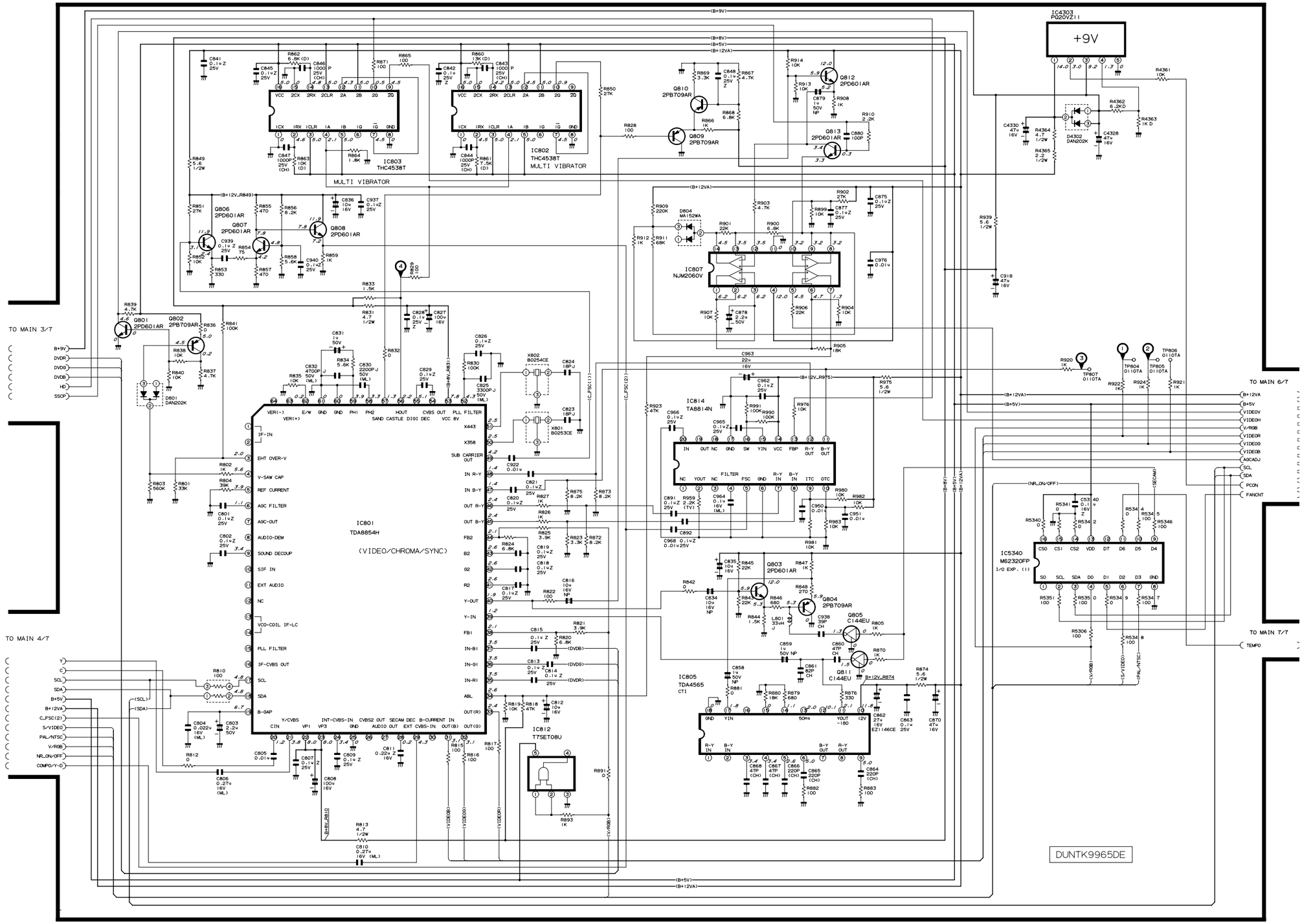
■ MAIN UNIT-3/7


DUNTK9965DE
IC4301
THC4538T
IC4302
CXA1839Q
DVD
Q4301
2PD601AR
Q4303
2PD601AR
Q4306
2PD601AR
Q4307
2PD601AR
Q4308
2PD601AR
Q4309
C144EU
Q4302
2PD601AR
Q4304
2PD601AR
Q4305
2PD601AR
Q4311
BSN20
Q4310
BSN20
IC302
TA8184F
R391 100
R4392 100
R4393 100
R4317 100
R4369 100
R4342 0
R4343 10K
R4344 10
R4349 22K
R321 100K
R322 100K
R316 5.6 1/2W
R325 1K
R324 1K
R320 47K
R319 10K
R323 10K
R317 100
C4315 0.1u Z 16V
C4317 0.1u Z 16V
C4320 47u 16V
C4324 0.47u 50V
C4325 10u 16V
C4327 2.2u 50V
C323 0.1u 25V
C325 0.1u 25V
C315 10u 16V NP
C317 8200PJ 50V UF
C319 0.33u 16V UF
C321 10u 16V
C324 10u 16V
C326 0.15u Z 16V
B+12V_R312
(B+9V)
(B+5V)
(B+12VA)
(B+3.3V)
(V/RGB)
TO MAIN 2/7
TO MAIN 4/7
TO MAIN 5/7
TO MAIN 6/7
TO MAIN 7/7
B+5V
B+12VA
B+3.3V
B+9V
DVDR
DVDG
DVDB
HD
SSCP
Y-D
PR
PB
SCL_I
SDA_I
VOL
S-MUTE
TRE
BASS
AUDIO
AUDIO_OUT
NO263TA
P303
AUDIO OUT
GND
R TRE/BASS
L TRE/BASS

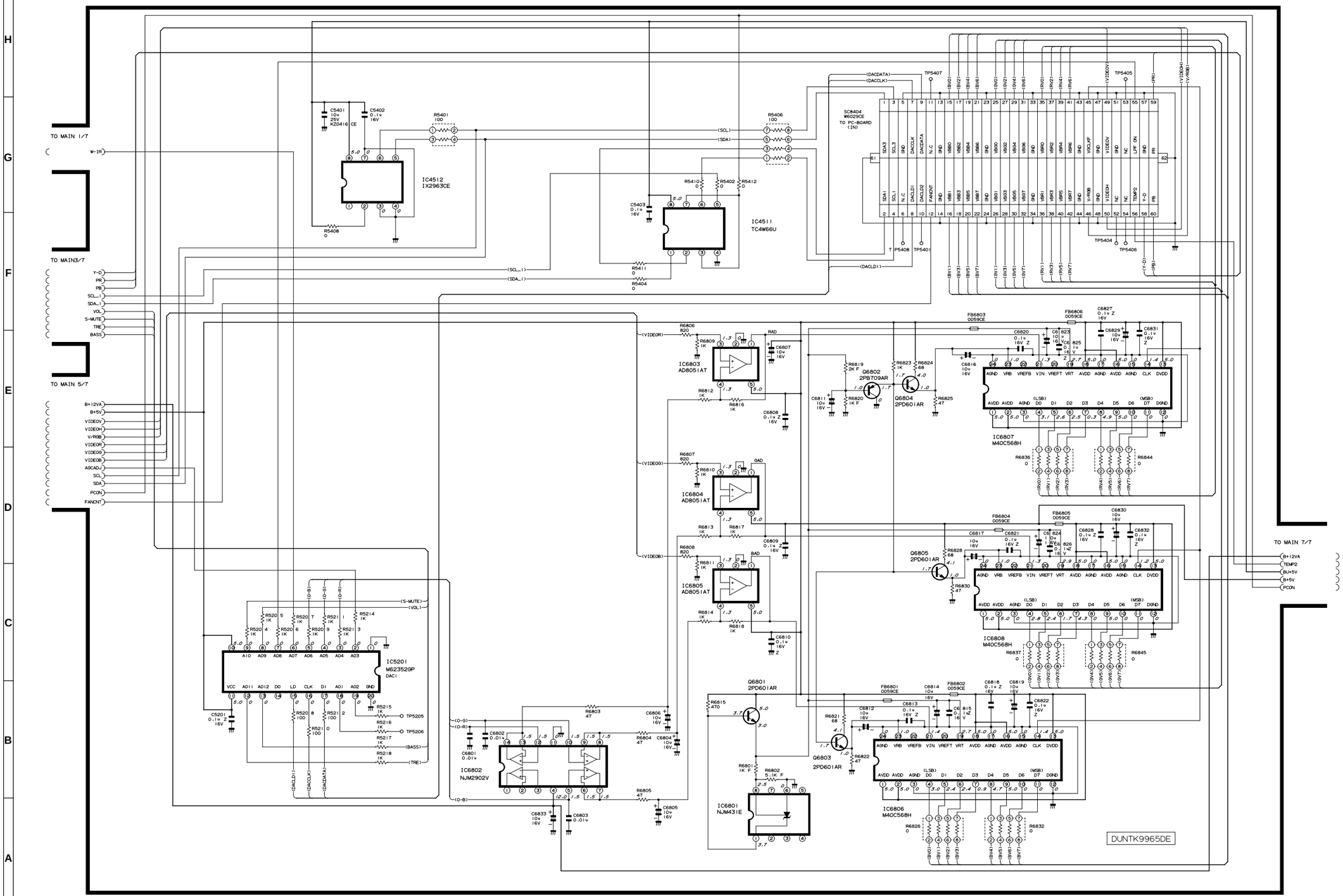
■ MAIN UNIT-4/7


IC6007
PST600DM
DUNTK9965DE
IC6008
TC90A11F
3-D N.R
IC6001
NJM2240M
(PAL)
IC6010
M51822IS
IC6009
NJM2283V
IC6005
NJM2283V
IC6003
BA7046F
IC6006
NJM2234M
TO MAIN 1/7
TO MAIN 2/7
TO MAIN 3/7
TO MAIN 5/7
(B+5V)
(B+12VA)
(B+12V_FB6001)
(B+5V_FB6006)
(B+5V_FB6005)
(B+12V_R6006)
(B+12B_R6030)
(C_4FSC(1))
(6D_FB6003)
(COMB-C)
(COMB-Y)
(S-C)
(S-Y)
(S-VIDEO)
(PAL-C)
(PAL-Y)
(N358-C)
(N358-Y)
(PAL/NTSC)
(NR_ON/OFF)
(VIDEO)
(Y-I2C)
(V/R0B)
VIDEO
COMB-Y
COMB-C
C_4FSC(1)
PAL/NTSC
N358-Y
N358-C
SCL
SDA
S-Y
S-C
S/VIDEO
B+12VA
B+5V
Y-D2
V/R0B
Y
C
COMPO/Y-D
Q6001 2PD601AR
Q6002 2PD601AR
Q6003 2PB709AR
Q6004 2PD601AR
Q6005 2PD601AR
Q6006 2PD601AR
Q6007 2PB709AR
Q6008 2PD601AR
Q6009 2PD601AR
Q6010 2PD601AR
Q6011 2PD601AR
Q6012 2PD601AR
Q6013 2PD601AR
Q6014 2PD601AR
D6001 EX0879CE
D6002 EX0879CE

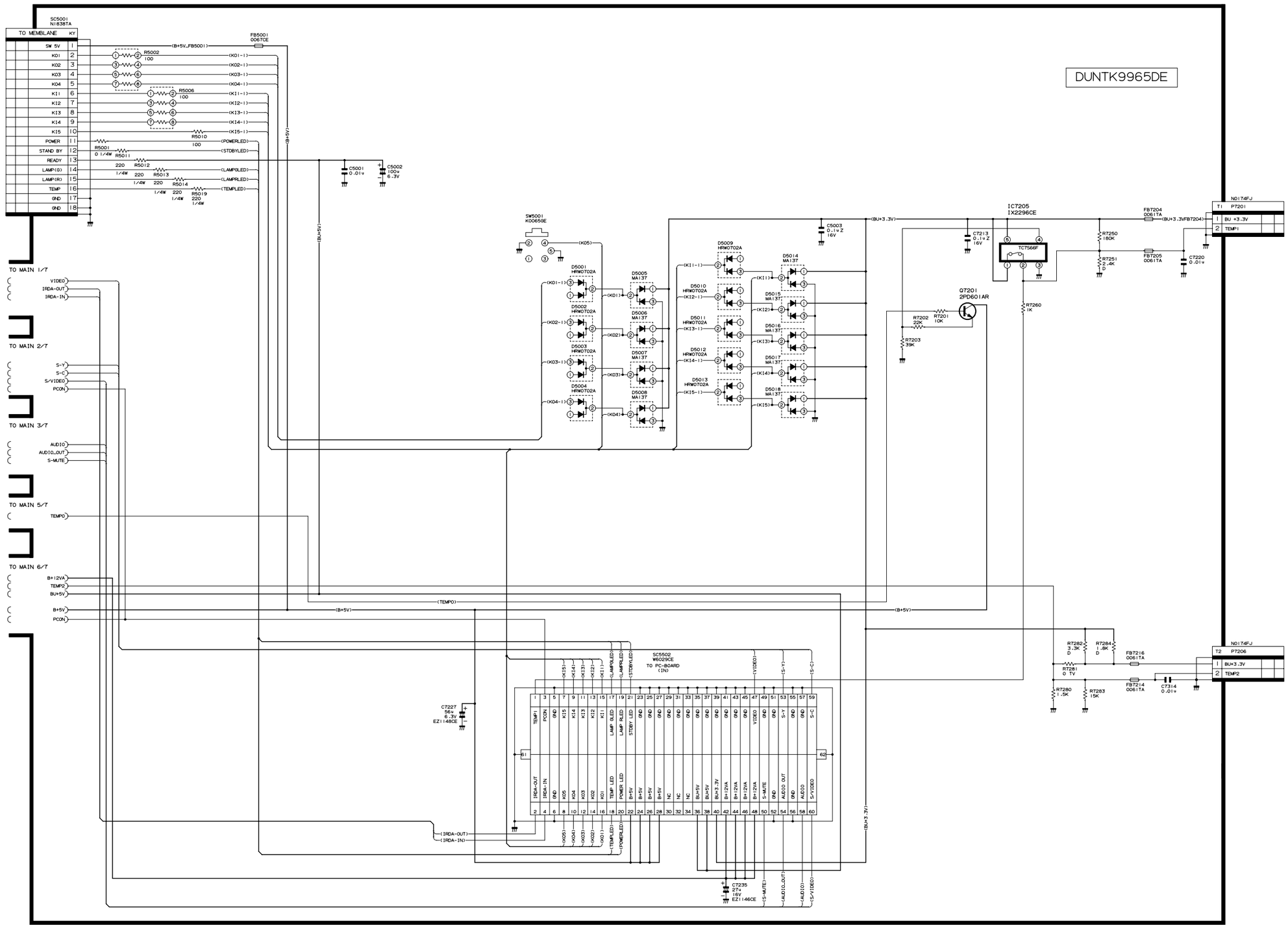
■ MAIN UNIT-5/7


IC4303 PQ20VZ11
+9V
IC803 THC4538T
MULTI VIBRATOR
IC802 THC4538T MULTI VIBRATOR
IC807 NJM2060V
IC814 TA8814N
IC801 TDA8854H
(VIDEO/CHROMA/SYNC)
IC805 TDA4565 CTI
IC812 T7SET08U
IC5340 M62320FP I/O EXP. (1)
Q801 2PD601AR
Q802 2PB709AR
Q803 2PD601AR
Q804 2PB709AR
Q805 C144EU
Q806 2PD601AR
Q807 2PD601AR
Q808 2PD601AR
Q809 2PB709AR
Q810 2PB709AR
Q811 C144EU
Q812 2PD601AR
Q813 2PD601AR
D801 DAN202K
D804 MA152WA
D4302 DAN202K
TO MAIN 3/7
TO MAIN 4/7
TO MAIN 6/7
TO MAIN 7/7
DUNTK9965DE

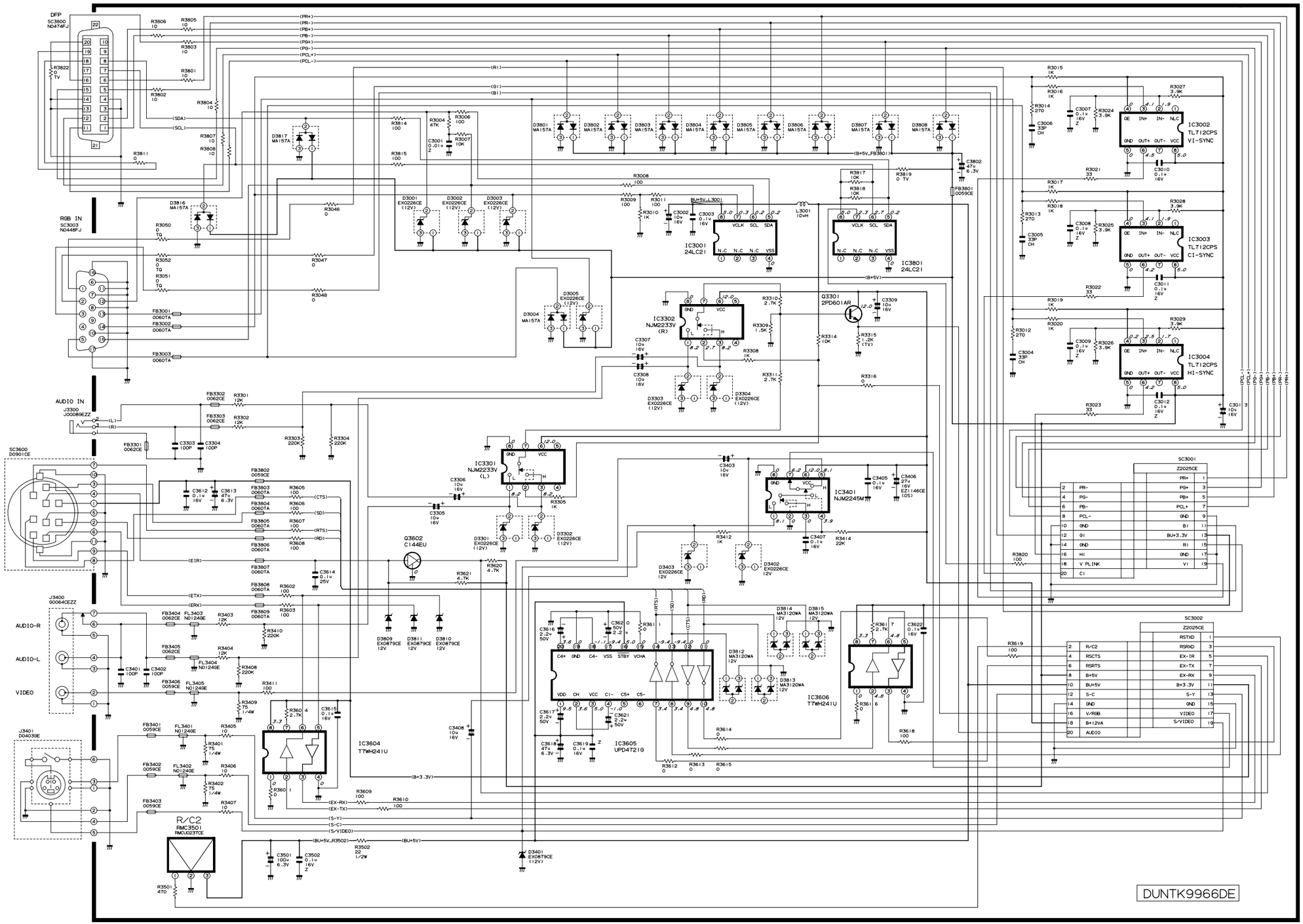
■ MAIN UNIT-6/7


TO MAIN 1/7
TO MAIN3/7
TO MAIN 5/7
TO MAIN 7/7
W-IR
Y-D
PR
PB
SCL_I
SDA_I
VOL
S-MUTE
TRE
BASS
B+12VA
B+5V
VIDEOV
VIDEOH
V-RGB
VIDEOR
VIDEOG
VIDEOB
A9CADJ
SCL
SDA
PCON
FANCNT
TEMP2
B+8V
IC4512
IX2963CE
IC4511
TC4W66U
SC8404
W6029CE
TO PC-BOARD
(IN)
TP5407
TP5405
TP5404
TP5406
TP5408
TP5409
IC5201
M62352GP
DAC
IC6802
NJM2902V
IC6803
AD8051AT
IC6804
AD8051AT
IC6805
AD8051AT
IC6801
NJM431E
IC6807
M40C568H
IC6808
M40C568H
IC6806
M40C568H
Q6802
2PB709AR
Q6804
2PD601AR
Q6805
2PD601AR
Q6801
2PD601AR
Q6803
2PD601AR
DUNTK9965DE

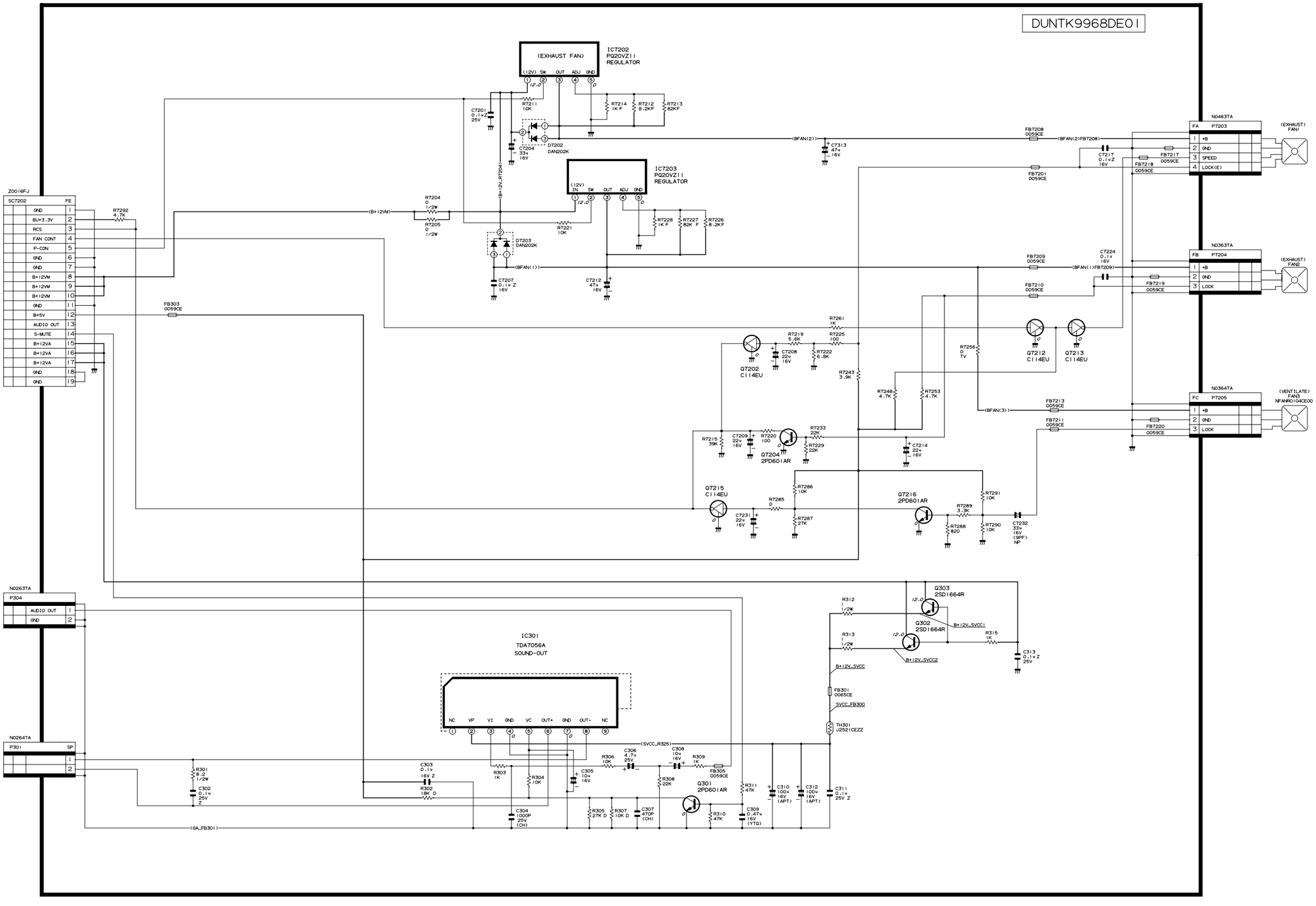
■ MAIN UNIT-7/7


DUNTK9965DE
SC5001
N1838TA
TO MEMBLANE
SW 5V
K01
K02
K03
K04
K11
K12
K13
K14
K15
POWER
STAND BY
READY
LAMP(G)
LAMP(R)
TEMP
GND
GND
FB5001
0067CE
(B+5V_FB5001)
R5002
100
R5006
100
R5010
100
R5001
0 1/4W
R5011
220
R5012
220
1/4W
R5013
220
1/4W
R5014
220
1/4W
R5019
220
1/4W
(POWERLED)
(STDBYLED)
(LAMPGLED)
(LAMPRLED)
(TEMPLED)
C5001
0.01u
C5002
100u
6.3V
(B+5V)
SW5001
K00656E
(K05)
D5001
HRW0702A
D5002
HRW0702A
D5003
HRW0702A
D5004
HRW0702A
D5005
MA137
D5006
MA137
D5007
MA137
D5008
MA137
D5009
HRW0702A
D5010
HRW0702A
D5011
HRW0702A
D5012
HRW0702A
D5013
HRW0702A
D5014
MA137
D5015
MA137
D5016
MA137
D5017
MA137
D5018
MA137
C5003
0.1u Z
16V
(BU+3.3V)
IC7205
IX2296CE
TC7S66F
C7213
0.1u Z
16V
Q7201
2PD601AR
R7202
22K
RT201
10K
R7203
39K
R7260
1K
R7250
180K
R7251
2.4K
D
FBT204
0061TA
(BU+3.3VFBT204)
FBT205
0061TA
C7220
0.01u
N0174FJ
T1 P7201
1 BU +3.3V
2 TEMP1
TO MAIN 1/7
VIDEO
IRDA-OUT
IRDA-IN
TO MAIN 2/7
S-Y
S-C
S/VIDEO
PCON
TO MAIN 3/7
AUDIO
AUDIO_OUT
S-MUTE
TO MAIN 5/7
TEMP0
TO MAIN 6/7
B+12VA
TEMP2
BU+5V
B+5V
PCON
SC5502
W6029CE
TO PC-BOARD
(IN)
TEMP1
PCON
GND
K15
K14
K13
K12
K11
LAMP GLED
LAMP RLED
STDBY LED
GND
VIDEO
S-Y
S-C
IRDA-OUT
IRDA-IN
GND
K05
K04
K03
K02
K01
TEMP LED
POWER LED
B+5V
NC
BU+5V
BU+3.3V
B+12VA
S-MUTE
AUDIO OUT
AUDIO
S/VIDEO
C7227
56u
6.3V
EZI146CE
C7235
27u
16V
EZI146CE
R7282
3.3K
D
R7284
1.8K
D
R7281
0 TV
R7280
1.5K
R7283
15K
FBT216
0061TA
FBT214
0061TA
CT314
0.01u
N0174FJ
T2 P7206
1 BU+3.3V
2 TEMP2

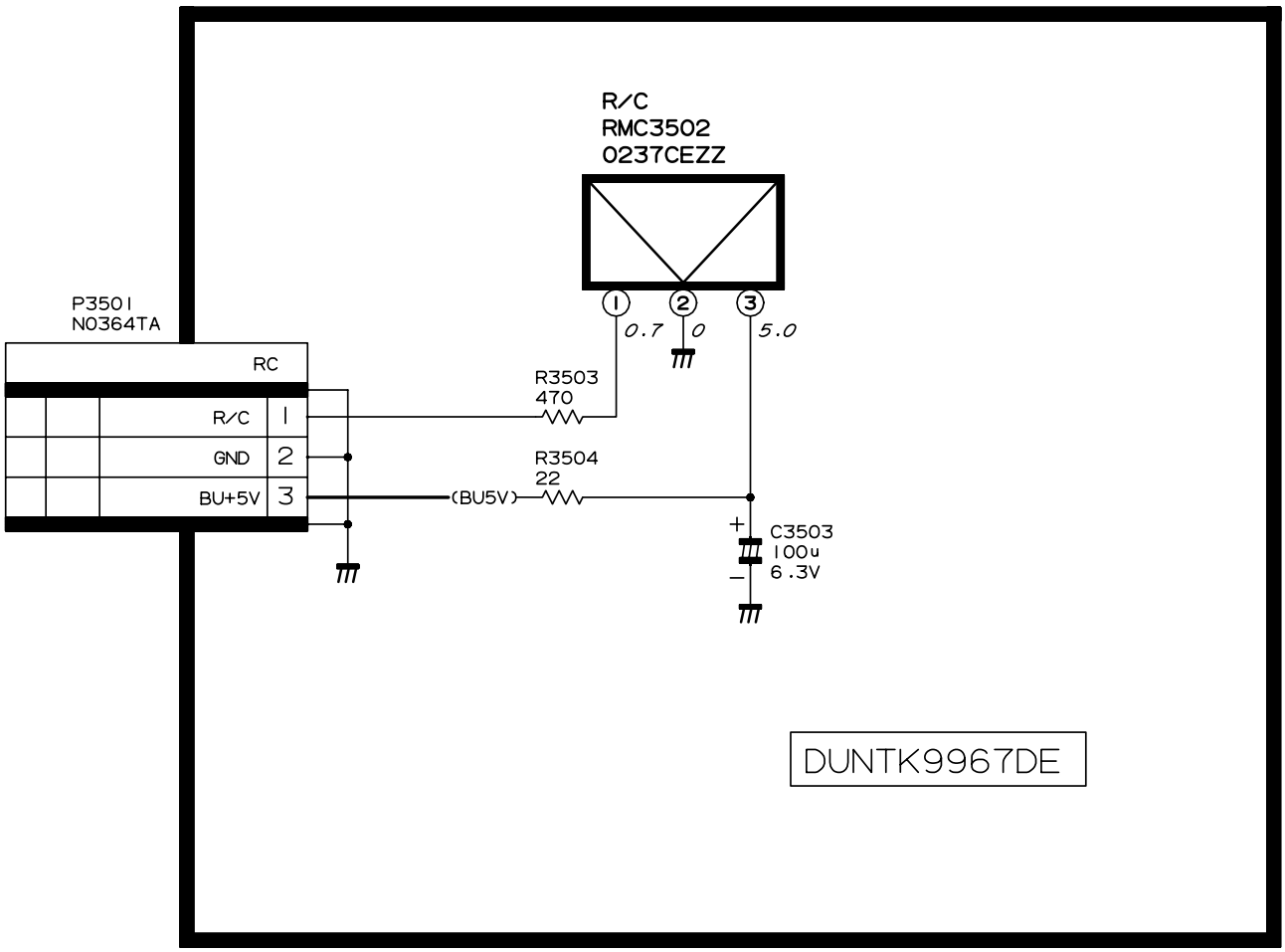
■ TERMINAL UNIT



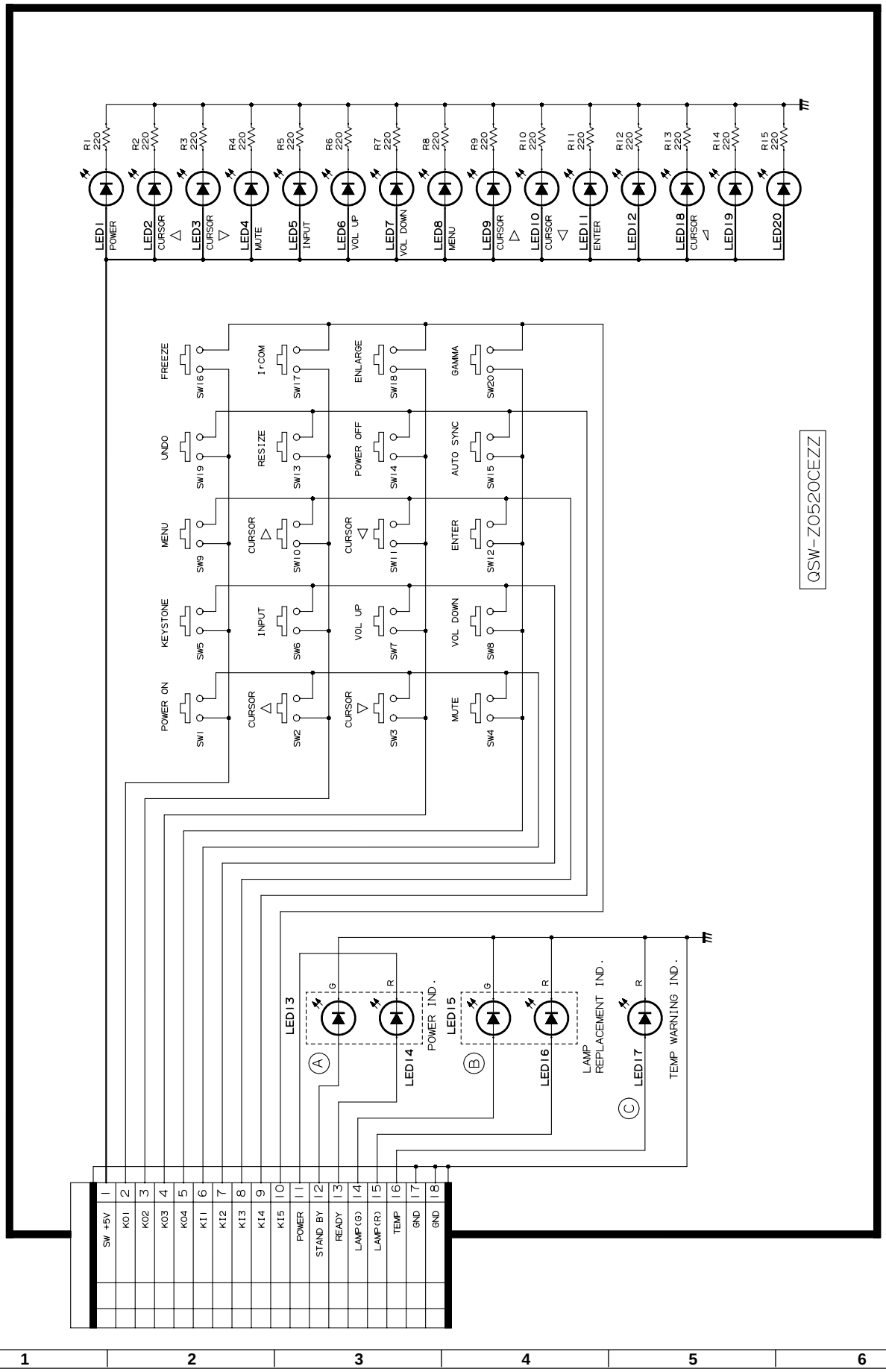
■ SOUND OUT UNIT



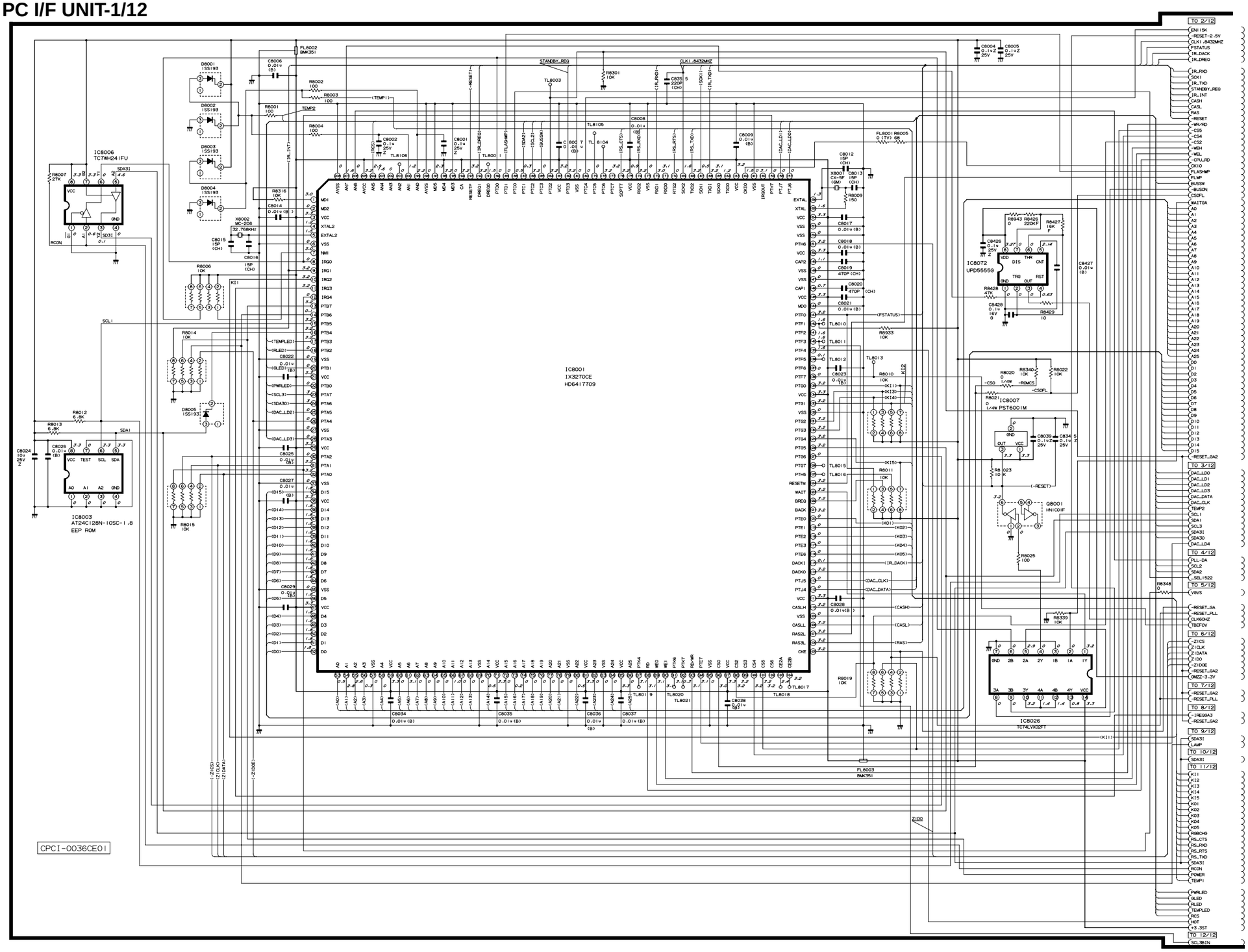
■ R/C RECEIVER UNIT



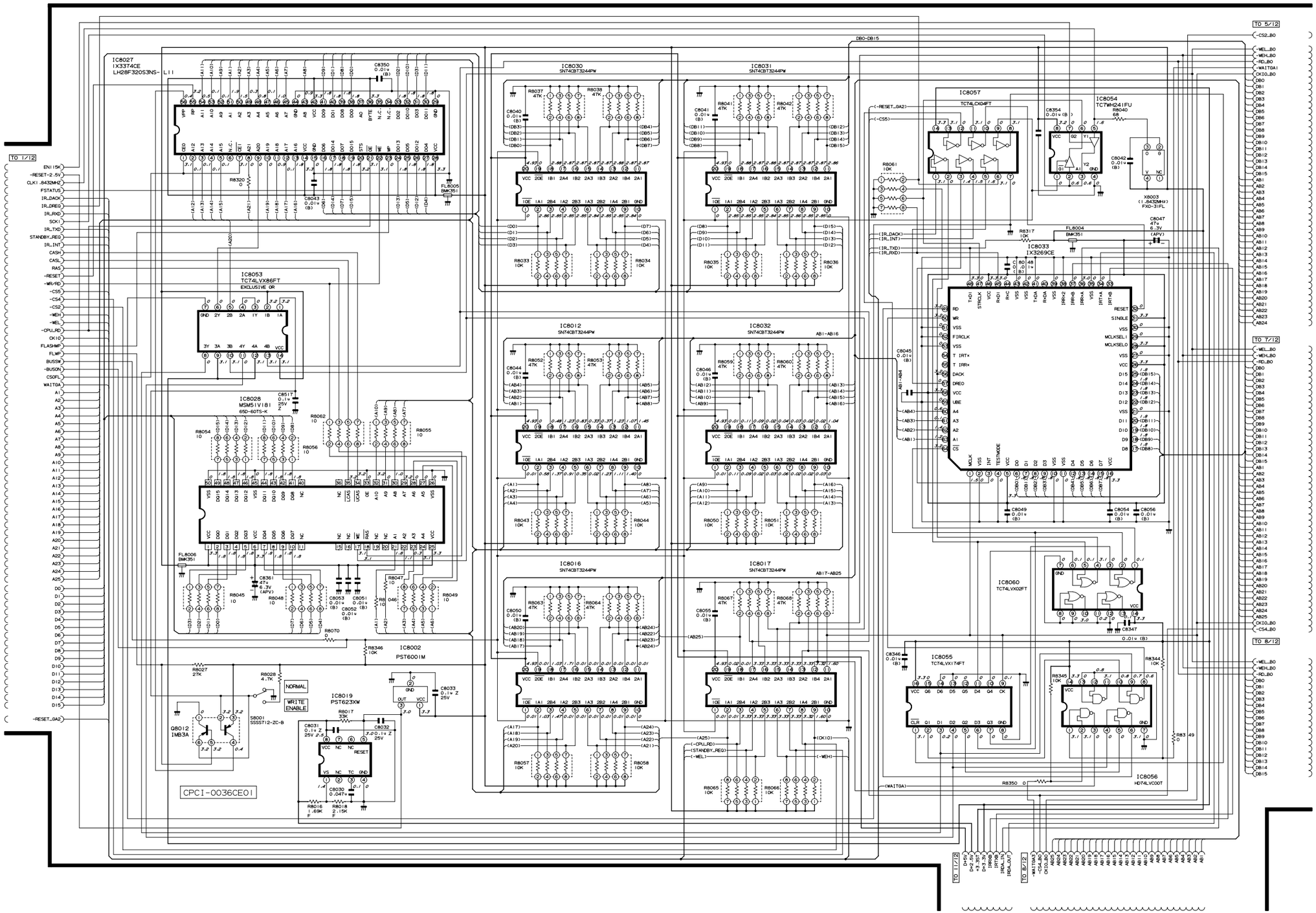
■ OPERATION KEY UNIT



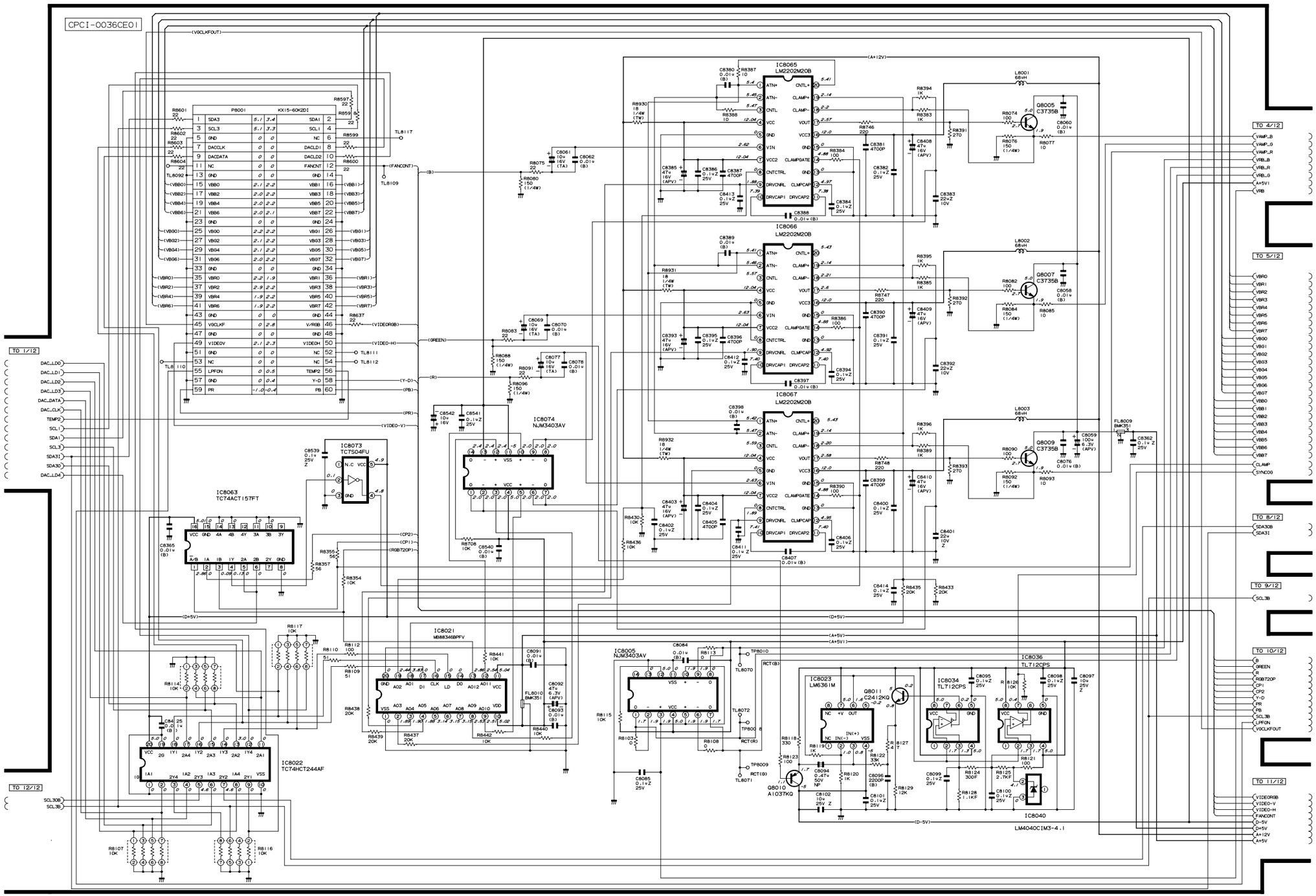
■ PC I/F UNIT-1/12



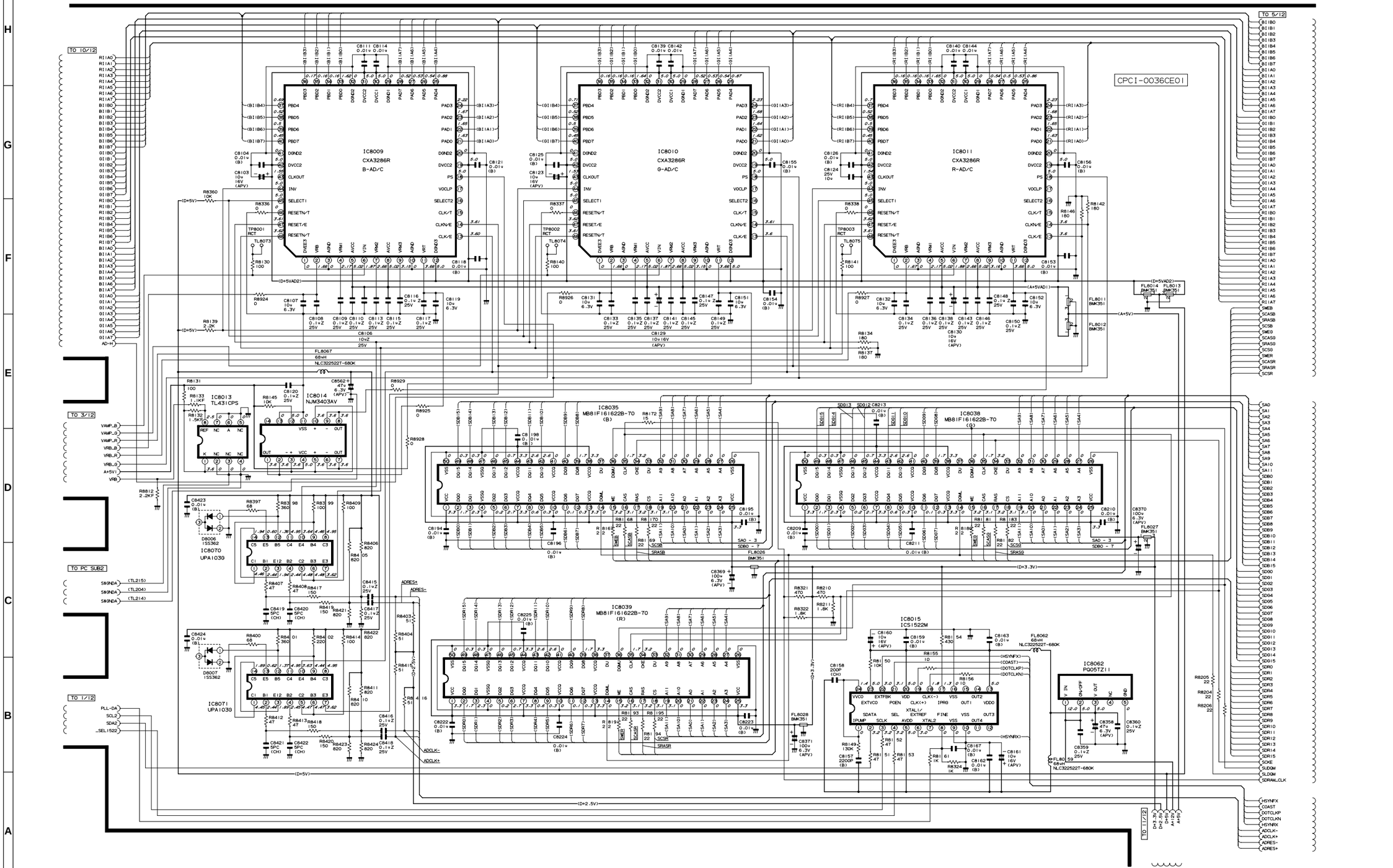
■ PC I/F UNIT-2/12



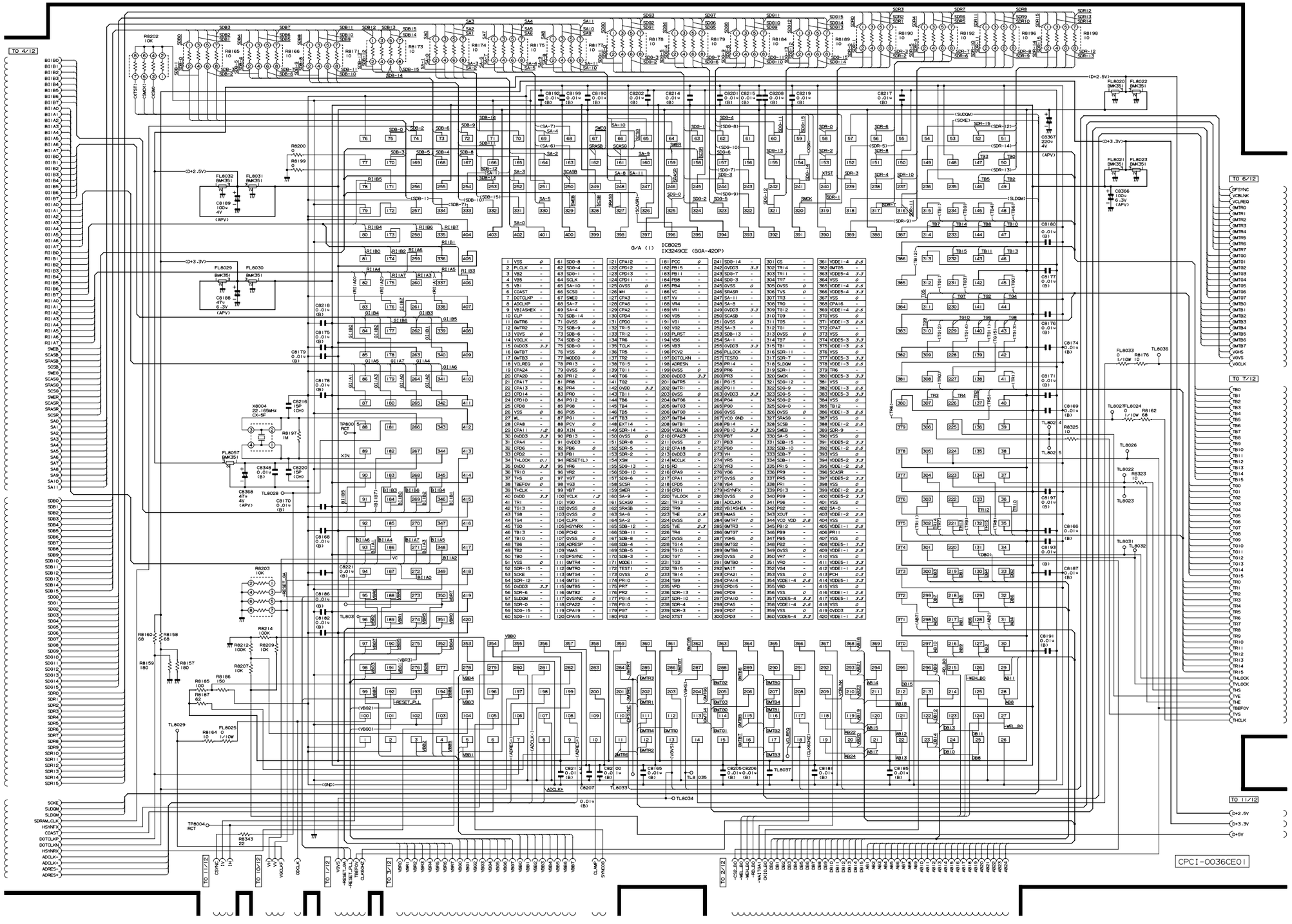
■ PC I/F UNIT-3/12



■ PC I/F UNIT-4/12



■ PC I/F UNIT-5/12



1	VSS	0	61	SDO-8	-	121	CPA12	-	181	PCC	0	241	SDO-14	-	301	CS	-	361	VDDE1-4	2.5
2	PLCLK	-	62	SDO-4	-	122	CPD12	-	182	PB15	-	242	OVDD3	3.3	302	TR14	-	362	GMT05	-
3	VB2	-	63	SDO-1	-	123	CPD13	-	183	PB11	-	243	SDO-7	-	303	TR11	-	363	VDDE5-4	3.3
4	VB5	-	64	SCLK	-	124	CPD11	-	184	PB8	-	244	SDO-3	-	304	TR7	-	364	VSS	0
5	VB1	-	65	SA-10	-	125	OVSS	0	185	PB4	-	245	OVSS	0	305	OVSS	0	365	VDDE1-4	2.5
6	COAST	-	66	SCS0	-	126	IM	-	186	VC	-	246	SRASR	-	306	TVS	0	366	VDDE5-4	3.3
7	DOTCLKP	-	67	SWE0	-	127	CPA3	-	187	VV	-	247	SA-11	-	307	TR3	-	367	VSS	0
8	ADCLKP	-	68	SA-7	-	128	CPA6	-	188	VR4	-	248	SA-8	-	308	TR0	-	368	CPA16	-
9	VB1ASHEX	-	69	SA-4	-	129	CPA2	-	189	VR1	-	249	OVDD3	3.3	309	T012	-	369	VDDE1-4	2.5
10	CLP	-	70	SDB-14	-	130	CPD4	-	190	VG5	-	250	SCAS0	-	310	T09	-	370	VSS	0
11	GMTR6	-	71	OVSS	0	131	CPD0	-	191	VG1	-	251	OVSS	0	311	T05	-	371	VDDE1-3	2.5
12	GMTR2	-	72	SDB-9	-	132	TR15	-	192	VG2	-	252	SA-3	-	312	T01	-	372	CPA7	-
13	VSYS	0	73	SDB-6	-	133	TR12	-	193	PLRST	-	253	SDB-13	-	313	T010	-	373	VSS	0
14	VCLK	-	74	SDB-2	-	134	TR6	-	194	VB6	-	254	SA-1	-	314	TB7	-	374	VDDE5-3	3.3
15	OVDD3	3.3	75	SDB-0	-	135	TCLK	-	195	VB3	-	255	OVDD3	3.3	315	TB1	-	375	VDDE1-3	2.5
16	GMTB7	-	76	TR5	-	136	VSS	0	196	ADRESN	-	256	PLLOCK	-	316	SDR-11	-	376	VSS	0
17	GMTB3	-	77	MODE0	-	137	TR2	-	197	DOTCLKN	-	257	TESTO	-	317	SDR-7	-	377	VDDE5-3	3.3
18	VCLREQ	0	78	PRI3	-	138	TG15	-	198	ADRESN	-	258	PR14	-	318	SLDQM	-	378	VDDE1-3	2.5
19	CPA24	-	79	OVSS	0	139	TG11	-	199	OVSS	0	259	PR6	-	319	SDR-1	-	379	TR6	-
20	CPA20	-	80	PRI2	-	140	TG6	-	200	OVDD3	3.3	260	PR3	-	320	SMCK	-	380	VDDE5-3	3.3
21	CPA17	-	81	PR8	-	141	TG2	-	201	GMTR5	-	261	PG15	-	321	SDQ-12	-	381	VSS	0
22	CPA13	-	82	PR4	-	142	OVDD	3.3	202	GMTR1	-	262	PG11	-	322	SDQ-9	-	382	VDDE1-3	2.5
23	CPD14	-	83	PR0	-	143	TB11	-	203	OVSS	0	263	OVDD3	3.3	323	SDQ-5	-	383	VDDE5-3	3.3
24	CPD10	-	84	PG12	-	144	TB6	-	204	GMT06	-	264	PG4	-	324	SDQ-2	-	384	VSS	0
25	CPD8	-	85	PG8	-	145	TB4	-	205	GMT03	-	265	PG0	-	325	SDQ-0	-	385	TB12	-
26	VSS	0	86	PG5	-	146	TB5	-	206	GMT00	-	266	OVSS	0	326	OVSS	0	386	VDDE1-2	2.5
27	WL	-	87	PG1	-	147	TB3	-	207	GMTB4	-	267	VCO GND	-	327	SRAS0	-	387	VSS	0
28	CPA8	-	88	PCV	0	148	EXT14	-	208	GMTB1	-	268	PB14	-	328	SCSB	-	388	VDDE1-2	2.5
29	CPA11	1.2	89	XIN	-	149	SDR-14	-	209	VCBLNK	-	269	PB10	3.3	329	SWEB	-	389	SDR-9	-
30	OVDD3	3.3	90	PB13	-	150	OVSS	0	210	CPA23	-	270	PB7	-	330	SA-5	-	390	VSS	0
31	CPA4	-	91	OVDD3	-	151	SDR-8	-	211	OVSS	0	271	PB3	-	331	SDB-15	-	391	VDDE5-2	3.3
32	CPD6	-	92	PB6	0	152	SDR-5	-	212	CPA18	-	272	PB0	-	332	SDB-10	-	392	VDDE1-2	2.5
33	CPD2	-	93	PB1	-	153	SDR-2	-	213	OVDD3	0	273	VH	-	333	SDB-7	-	393	VSS	0
34	THLOCK	0.1	94	RESET(L)	-	154	XSM	-	214	MCCLK	-	274	VR5	-	334	SDB-1	-	394	VDDE5-2	3.3
35	OVDD	3.3	95	VR6	-	155	SDQ-13	-	215	RD	-	275	VR3	-	335	PR15	-	395	VDDE1-2	2.5
36	TRI0	-	96	VR2	-	156	SDQ-10	-	216	DPA9	-	276	VG6	-	336	PR9	-	396	SCASR	-
37	THS	0	97	VG7	-	157	SDQ-6	-	217	CPA1	-	277	OVSS	0	337	PR5	-	397	VDDE5-2	3.3
38	TBEFOV	0	98	VG3	-	158	SCSR	-	218	CPD5	-	278	VB4	-	338	PR1	-	398	VSS	0
39	THCLK	-	99	VB7	-	159	SWER	-	219	CPD1	-	279	HSYNFX	-	339	PG13	-	399	VDDE1-2	2.5
40	OVDD	3.3	100	VCLK	1.2	160	SA-9	-	220	TVLOCK	0	280	OVSS	0	340	PG9	-	400	VDDE5-2	3.3
41	TRI	-	101	VG0	-	161	SCAS0	-	221	TRI3	-	281	ADCLKN	-	341	PG6	-	401	VSS	0
42	TG13	-	102	OVSS	0	162	SRASB	-	222	TR9	-	282	VB1ASHEA	-	342	PG2	-	402	SA-0	-
43	TG8	-	103	OVSS	0	163	SA-6	-	223	THE	0.9	283	HMAS	-	343	XOUT	-	403	VDDE1-2	2.5
44	TG4	-	104	CLPX	-	164	SA-2	-	224	OVSS	0	284	GMTRT	0	344	VCO VDD	2.5	404	VSS	0
45	TG0	-	105	HSYNRX	-	165	SDB-12	-	225	TVE	2.3	285	GMTR3	-	345	PB12	-	405	VDDE1-1	2.5
46	TB13	-	106	PCH2	-	166	SDB-11	-	226	TR4	-	286	GMT07	-	346	PB9	-	406	PRI1	-
47	TB10	-	107	OVSS	0	167	SDB-8	-	227	OVSS	0	287	VSHS	0	347	PB5	-	407	VSS	0
48	TB6	-	108	ADRESP	-	168	SDB-4	-	228	TG14	-	288	GMT02	-	348	PB2	-	408	VDDE5-1	3.3
49	TB2	-	109	VMAS	-	169	SDB-5	-	229	TG10	-	289	GMTB6	-	349	OVSS	0	409	VDDE1-1	2.5
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52	SDR-15	-	112	GMTR0	-	172	TEST1	-	232	TB15	-	292	WAIT	-	352	VG4	-	412	VDDE1-1	2.5
53	SCKE	-	113	GMTG4	-	173	OVSS	0	233	TB14	-	293	CPA21	-	353	VSS	0	413	PCH	0.3
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55	OVDD3	3.3	115	GMTB5	-	175	PR7	-	235	VPD	-	295	CPD15	-	355	VBD	-	415	VSS	0
56	SDR-6	-	116	GMTB2	-	176	PR2	-	236	SDR-13	-	296	CPD9	-	356	VSS	0	416	VDDE1-1	2.5
57	SLDQM	-	117	OVSYNC	0	177	PG14	-	237	SDR-10	-	297	CPA10	-	357	VDDE5-4	3.3	417	VDDE5-1	3.3
58	SDR-0	-	118	CPA22	-	178	PG10	-	238	SDR-4	-	298	CPA5	-	358	VDDE1-4	2.5	418	VSS	0
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60	SDQ-11	-	120	CPA15	-	180	PG3	-	240	XTST	-	300	CPD3	-	360	VDDE5-4	3.3	420	VDDE1-1	2.5

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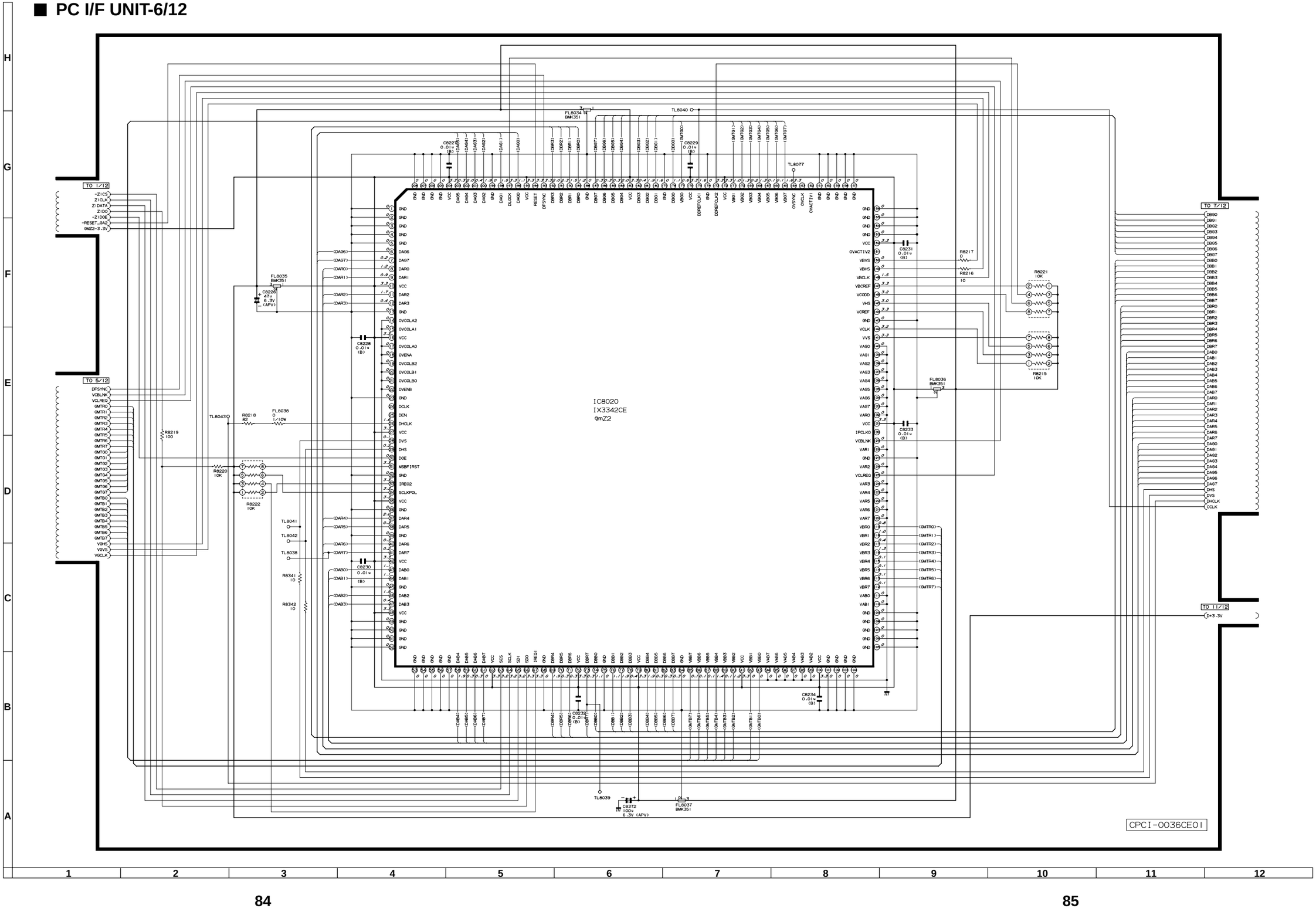
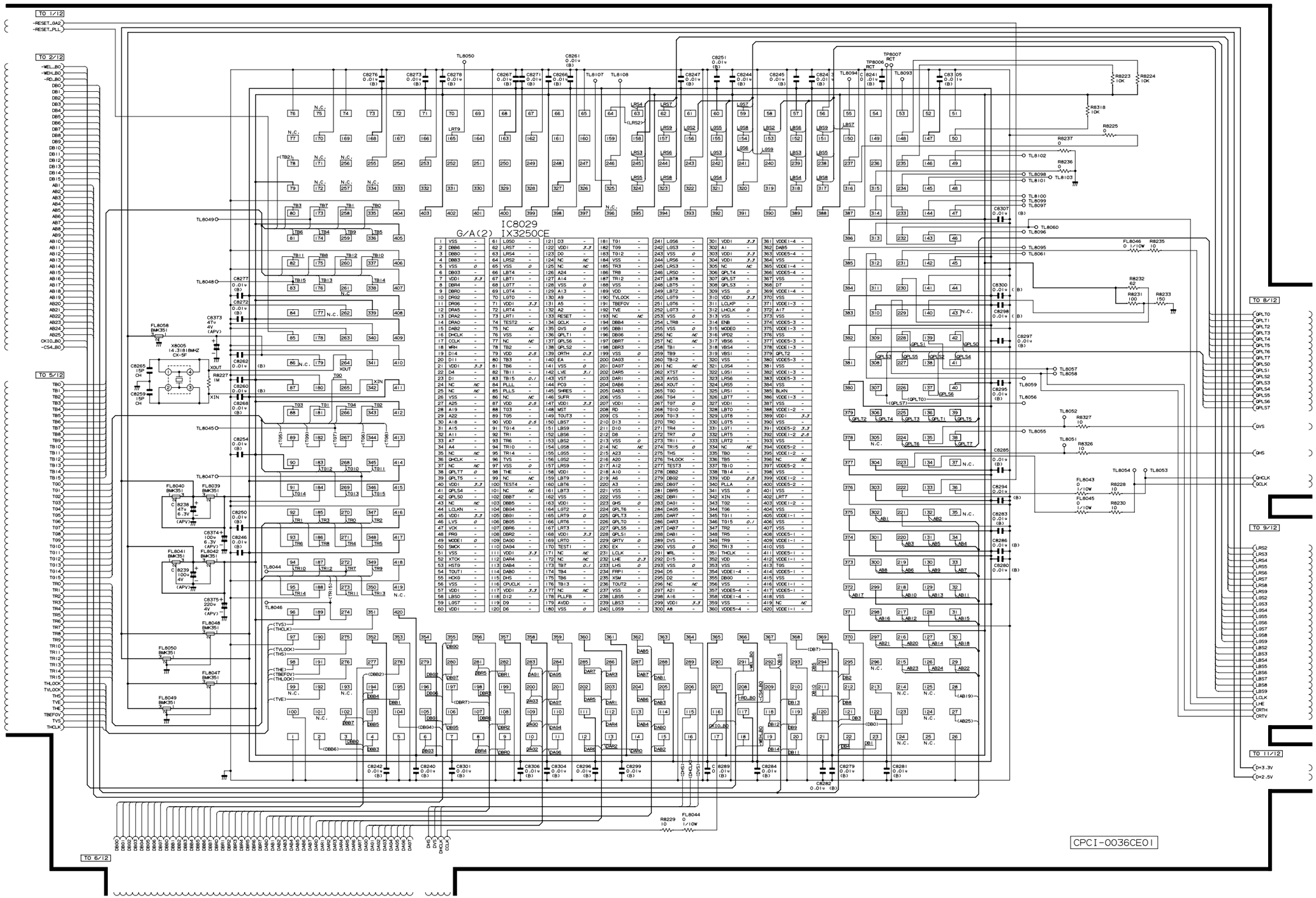
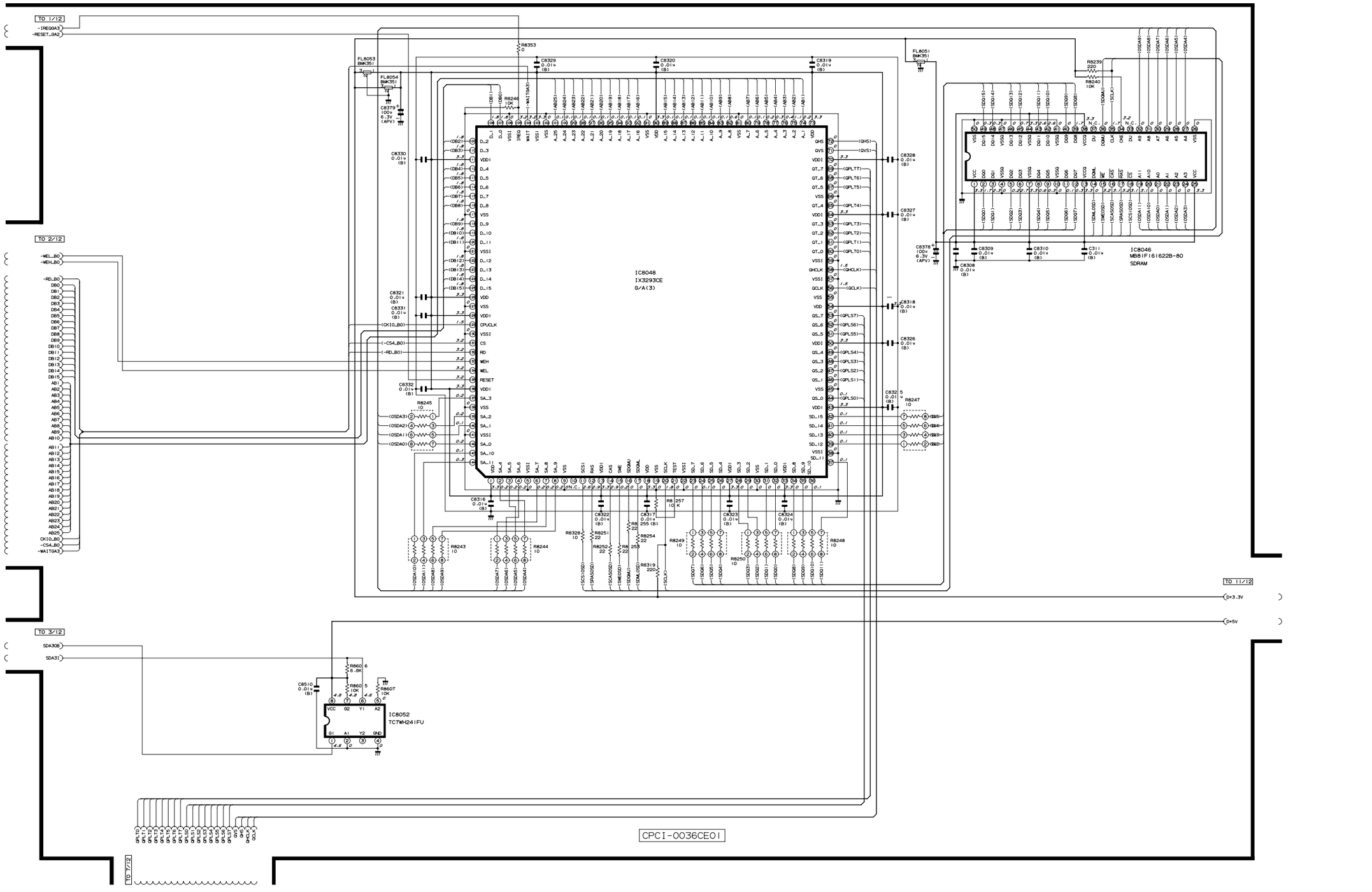
■ PC I/F UNIT-6/12



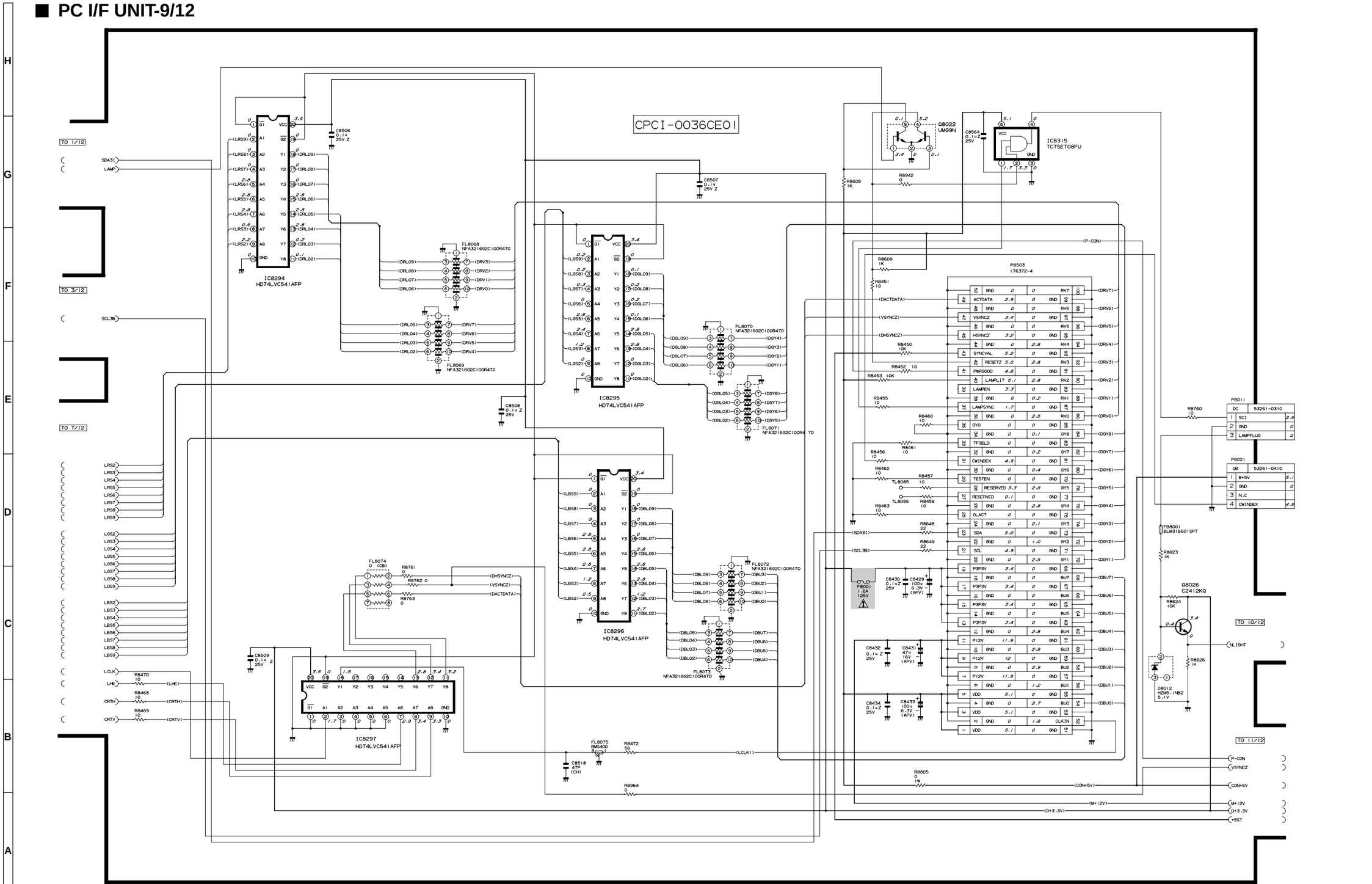
■ PC I/F UNIT-7/12



■ PC I/F UNIT-8/12



■ PC I/F UNIT-9/12



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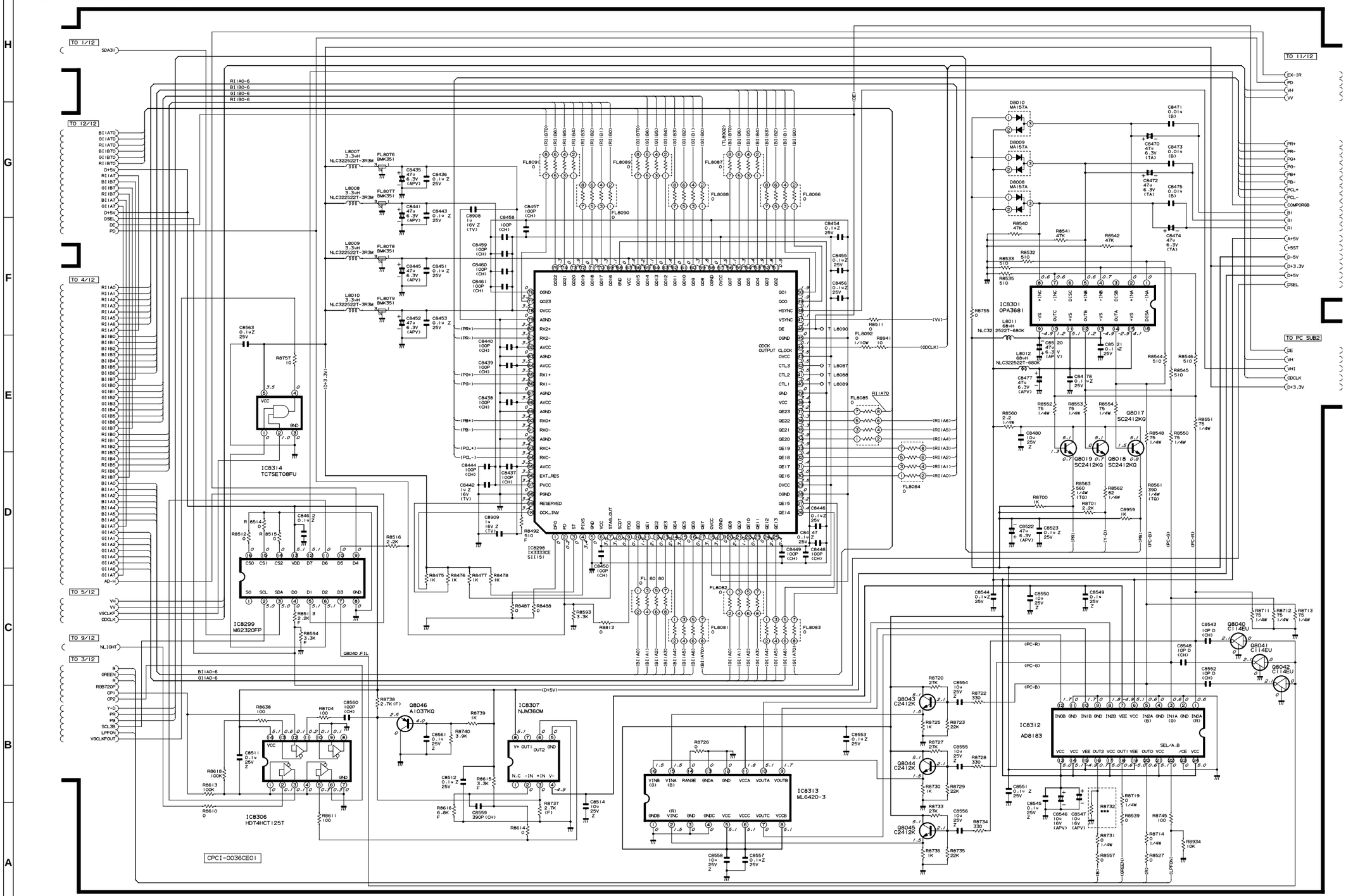
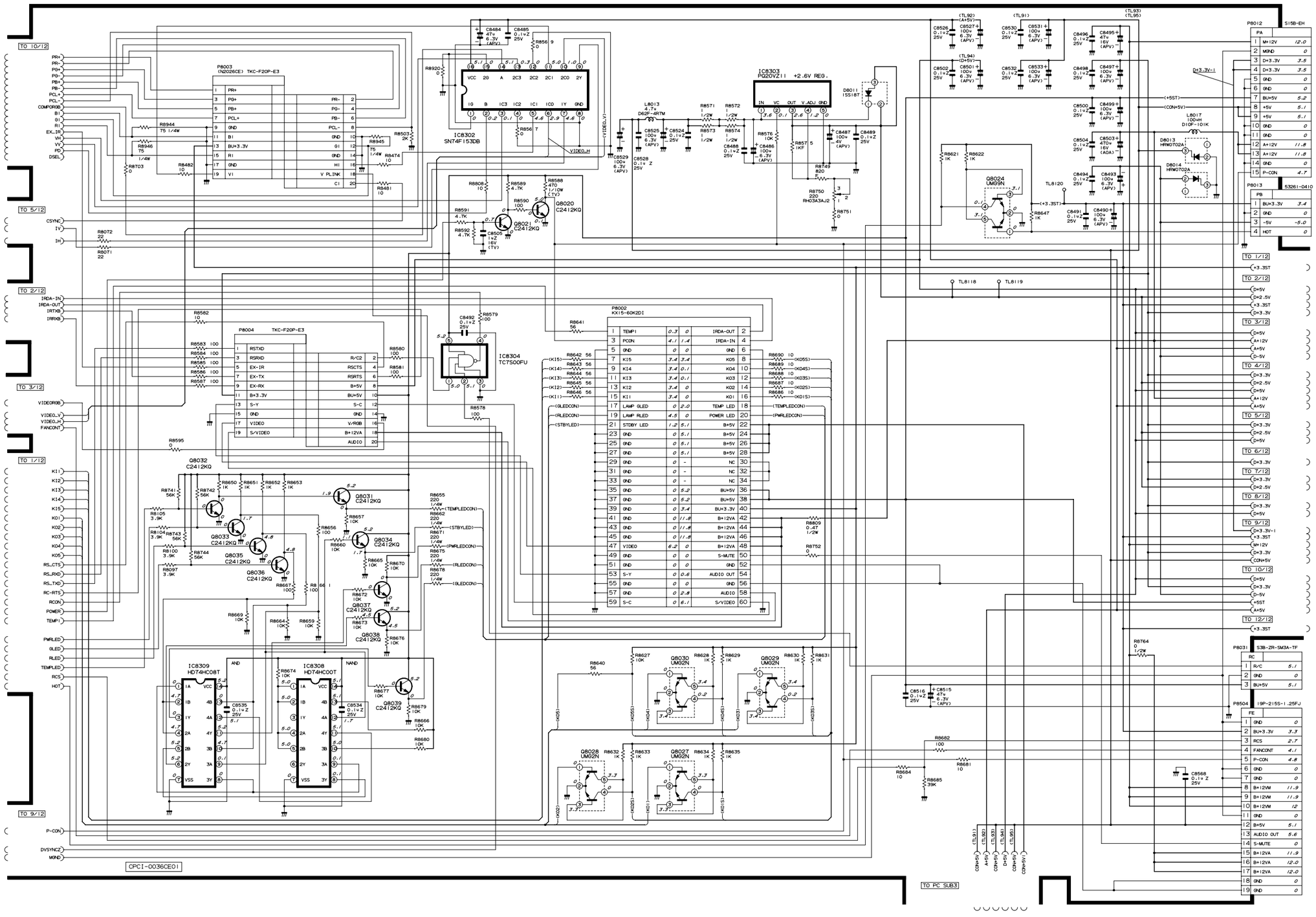
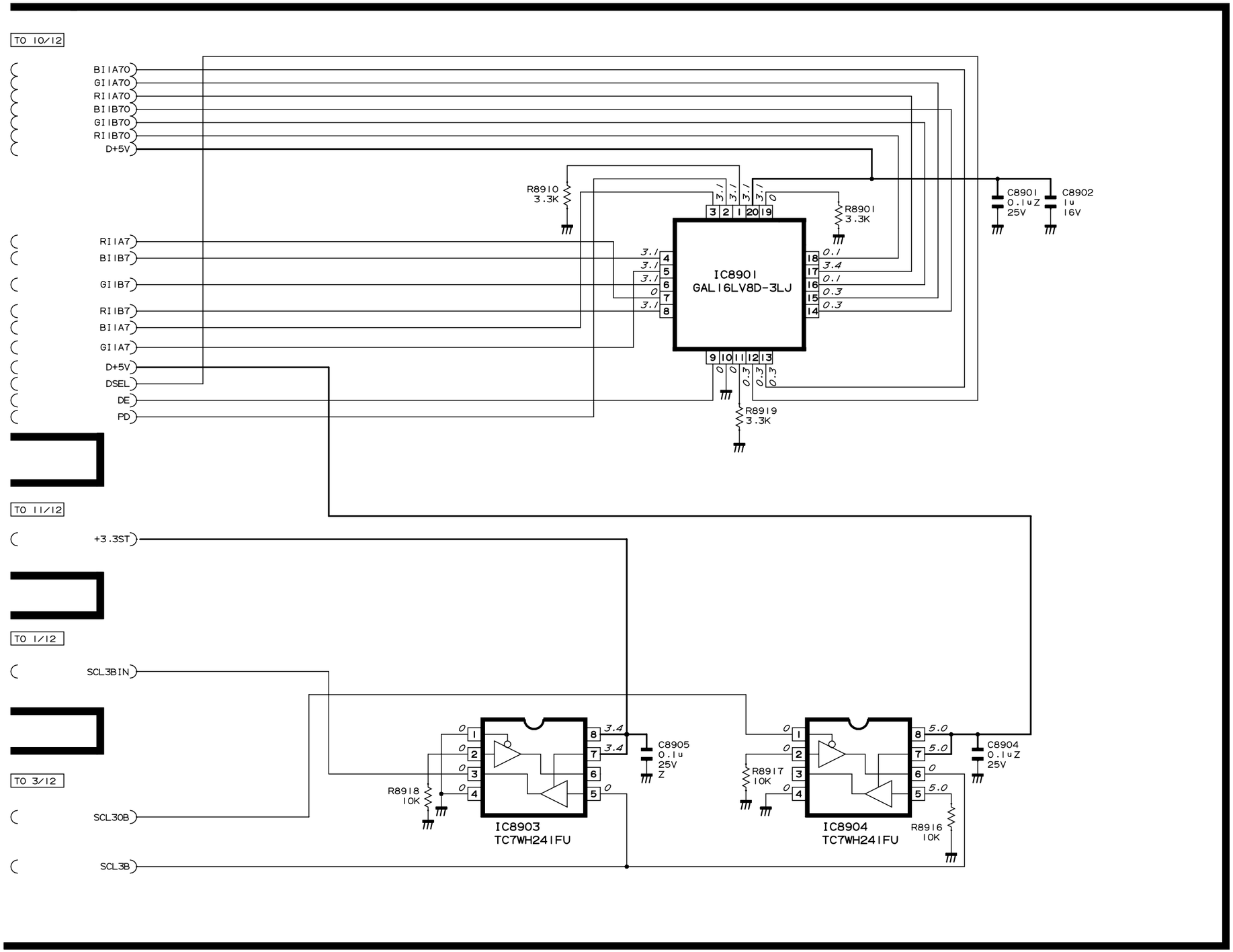


1	2	3	4	5	6	7	8	9	10	11	12

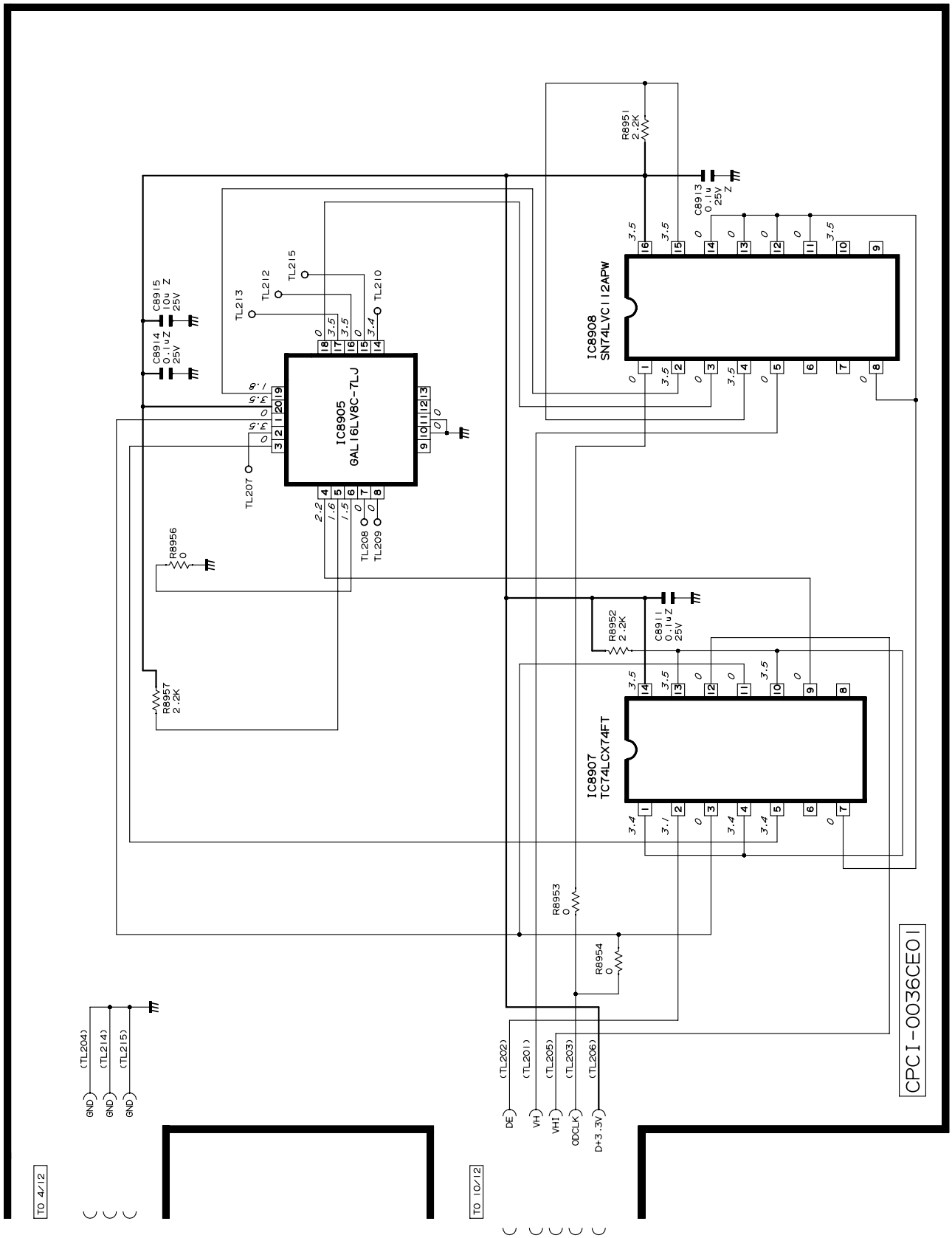
■ PC I/F UNIT-11/12



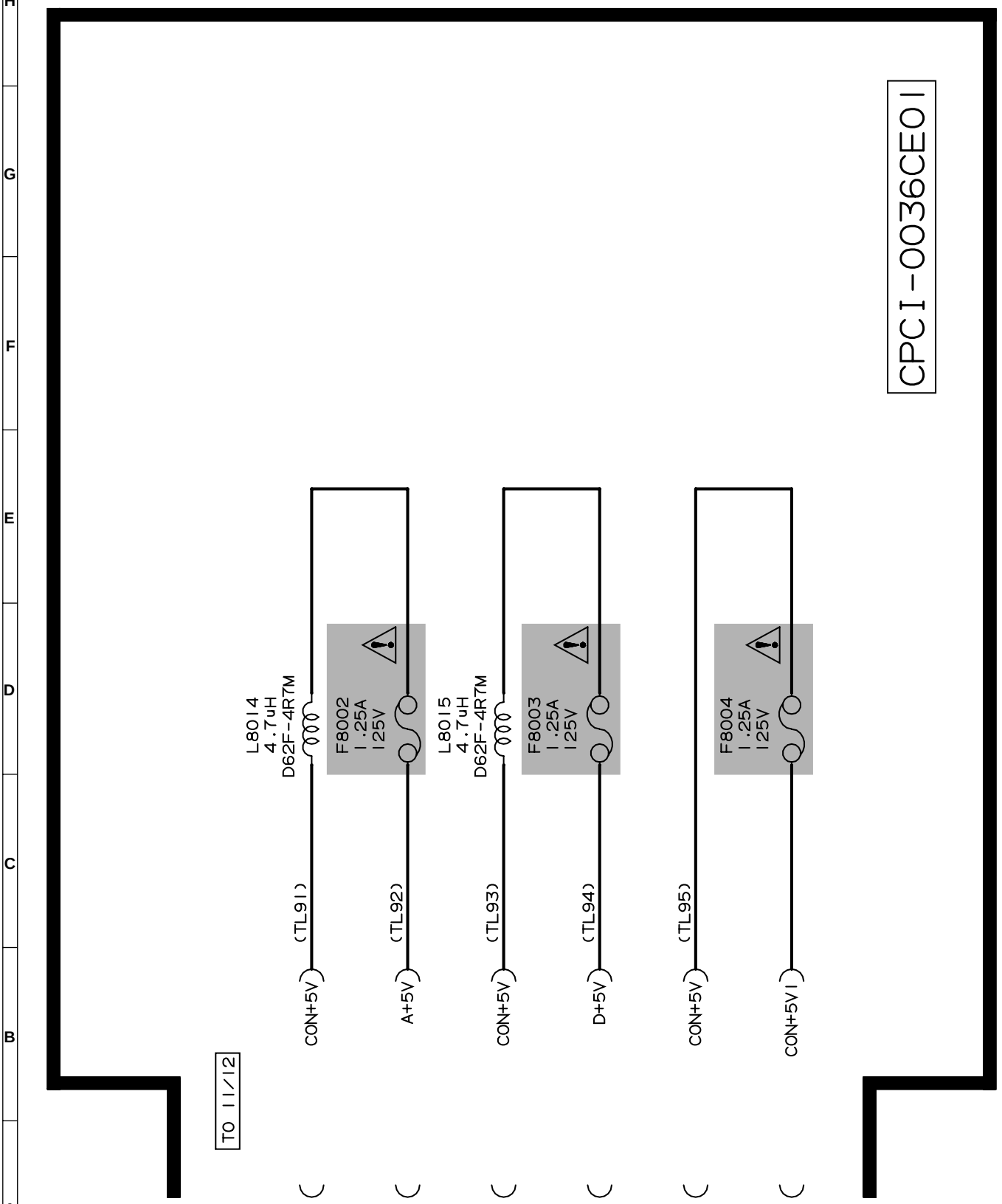
■ PC I/F UNIT-12/12



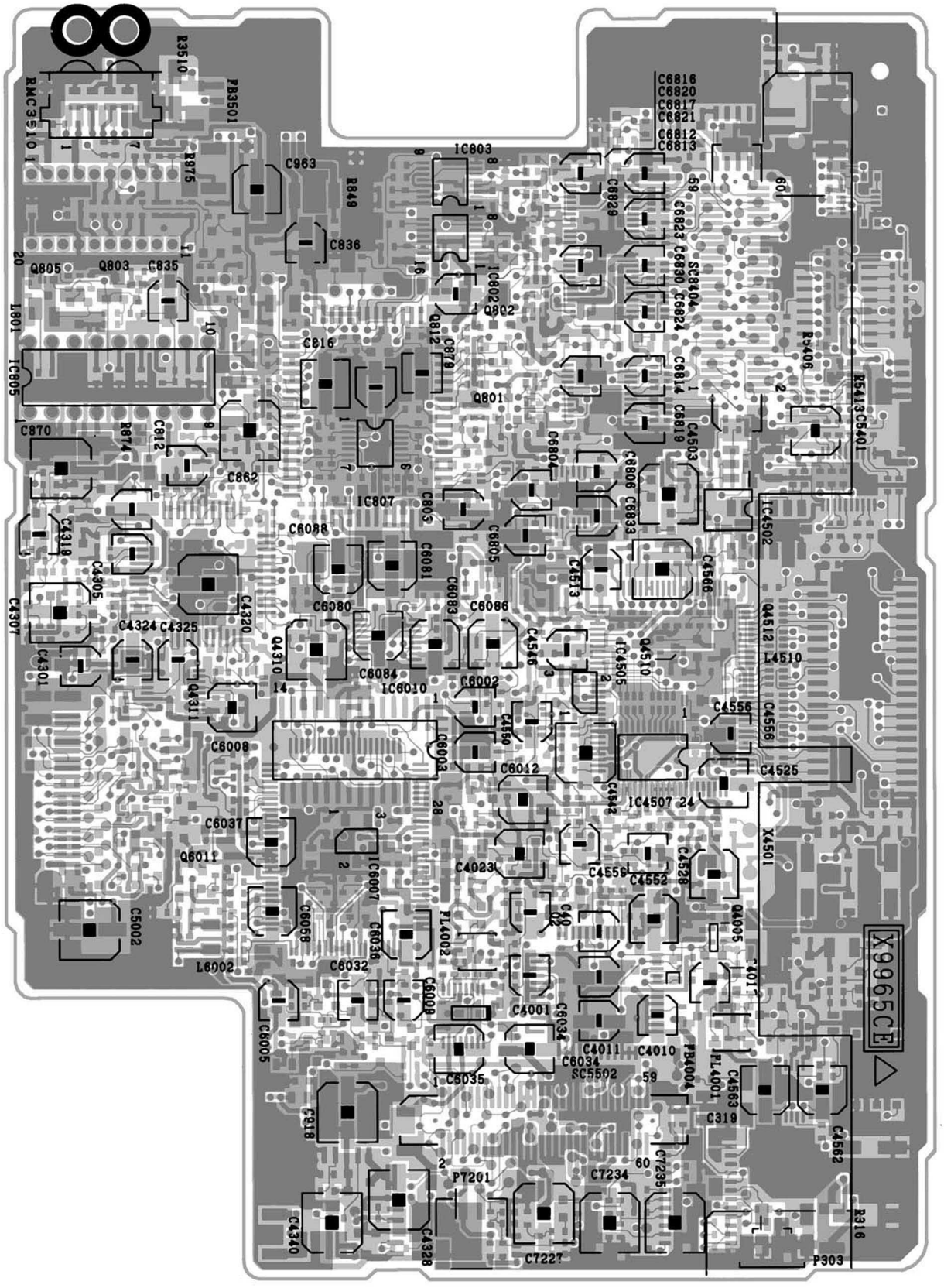
■ PC I/F (SUB UNIT-1)



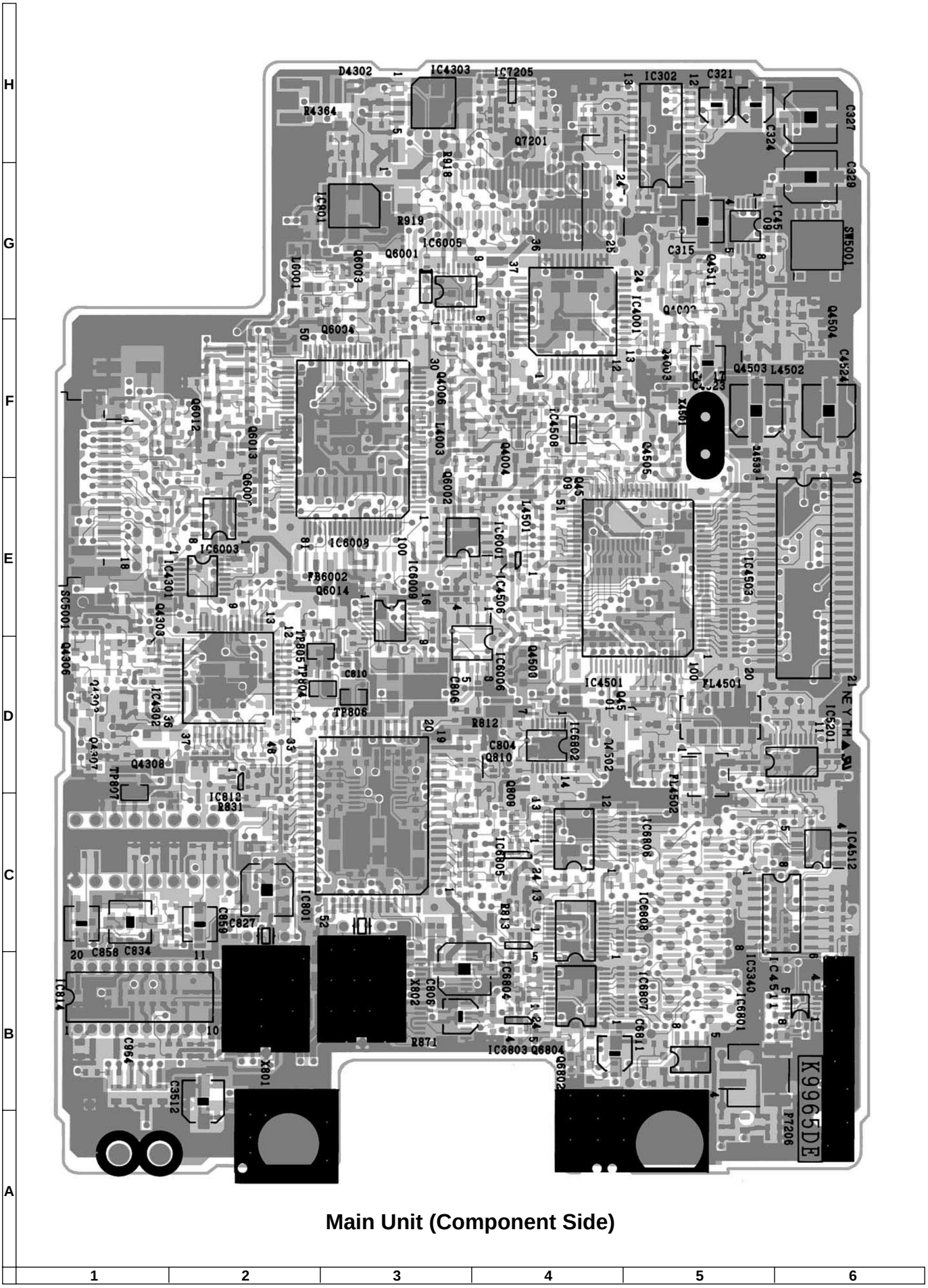
■ PC I/F (SUB UNIT-2)



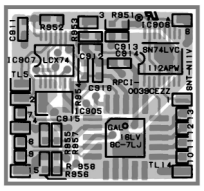
PRINTED WIRING BOARD ASSEMBLIES



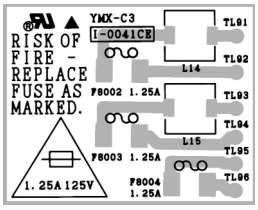
Main Unit (Wiring Side)



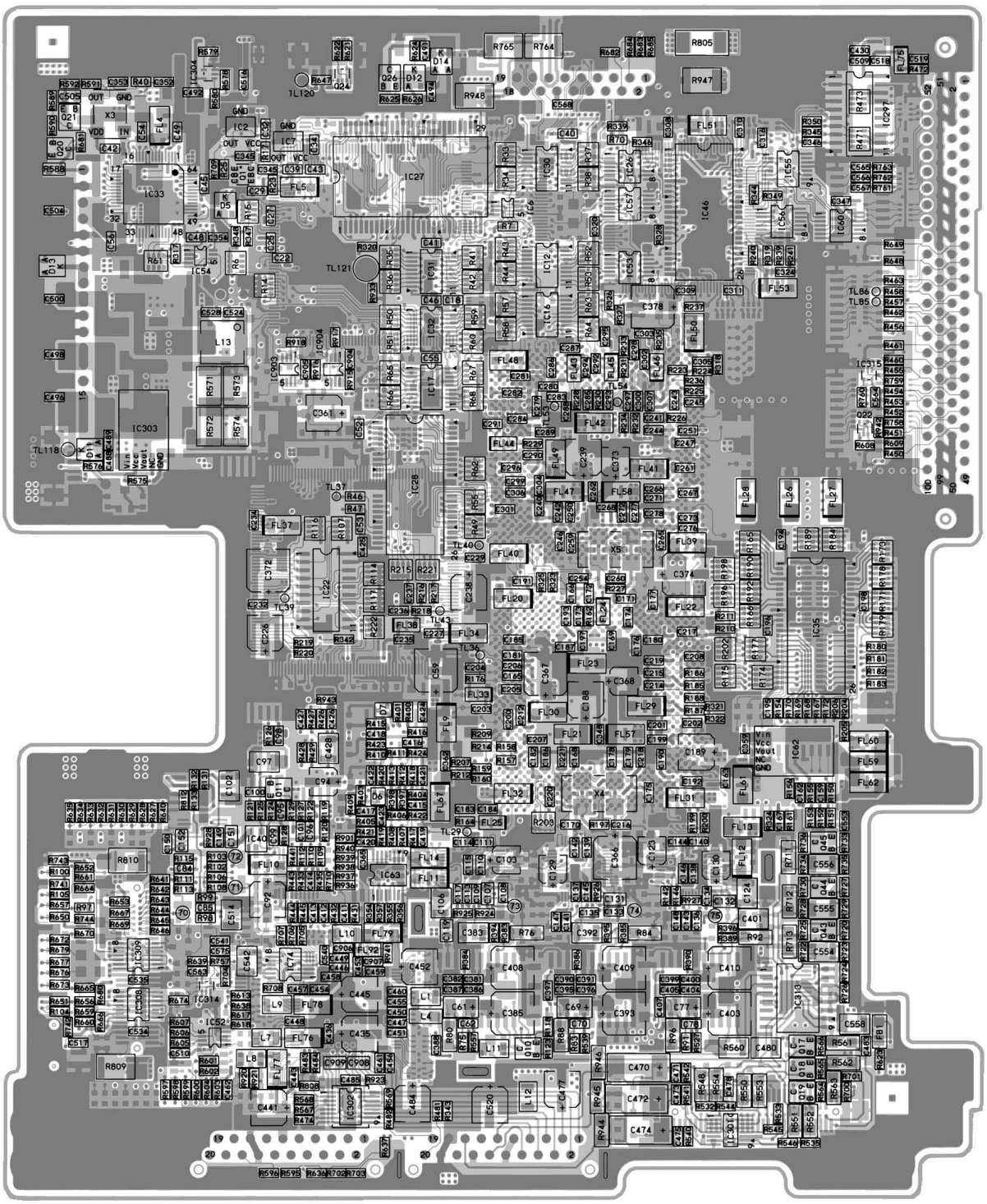
Main Unit (Component Side)



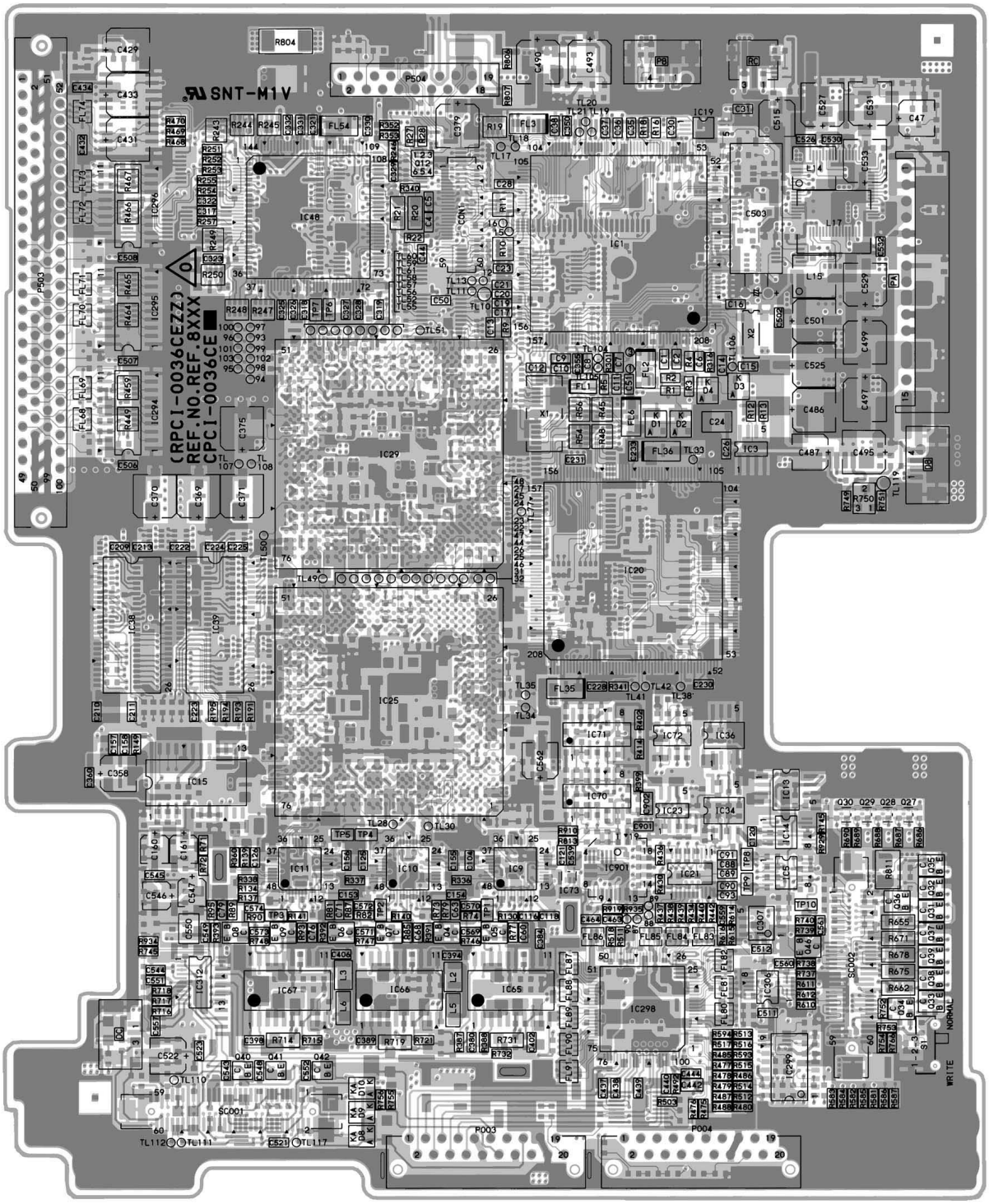
PC I/F (Sub Unit-1)
(Wiring Side)



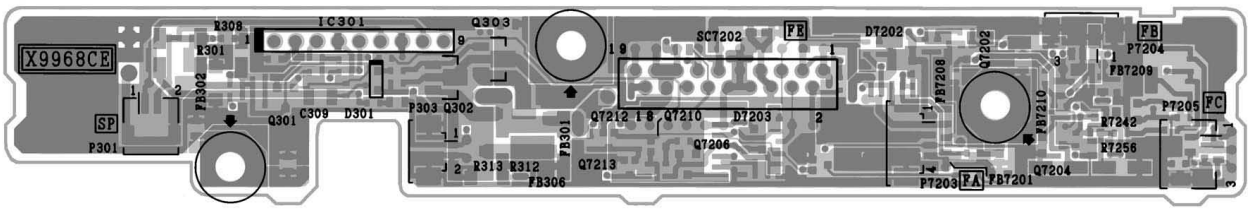
PC I/F (Sub Unit-2)
(Wiring Side)



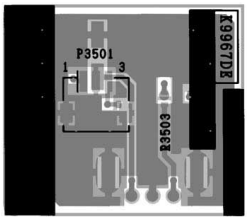
PC I/F Unit (Wiring Side)



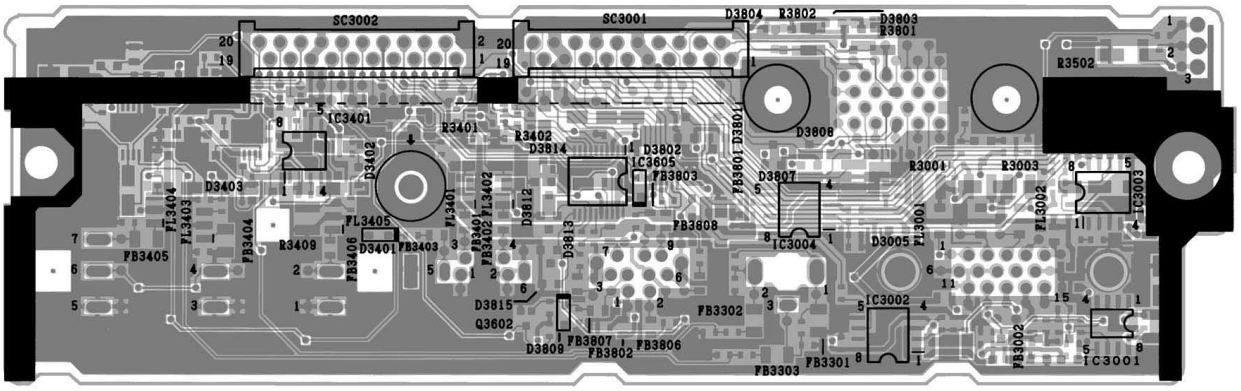
PC I/F Unit (Component Side)



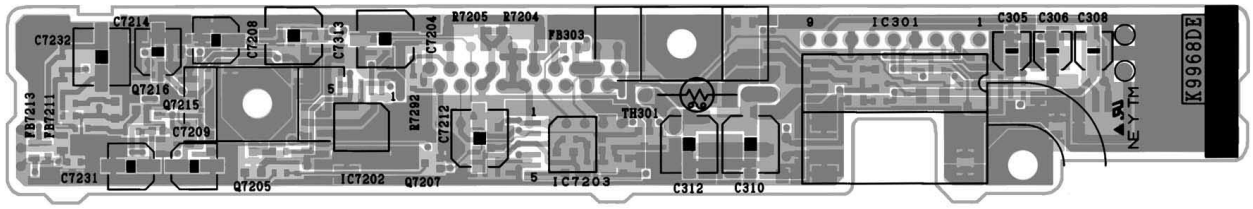
Sound Out Unit (Wiring Side)



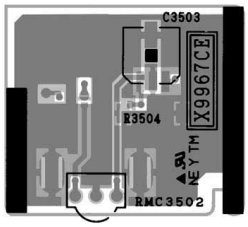
R/C Receiver Unit (Wiring Side)



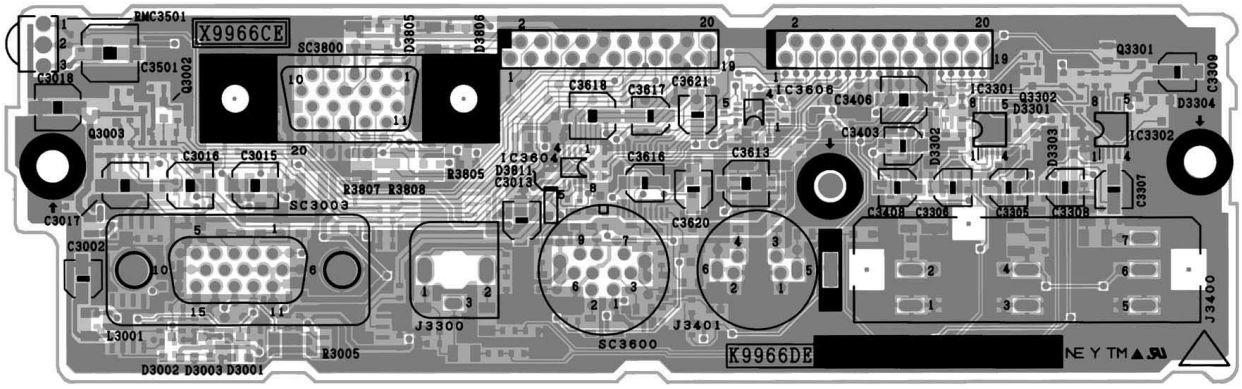
Terminal Unit (Wiring Side)



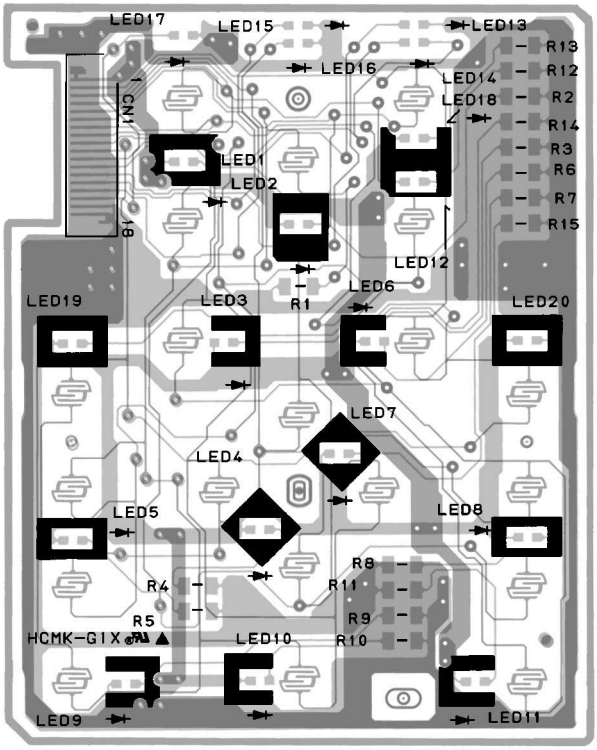
Sound Out Unit (Component Side)



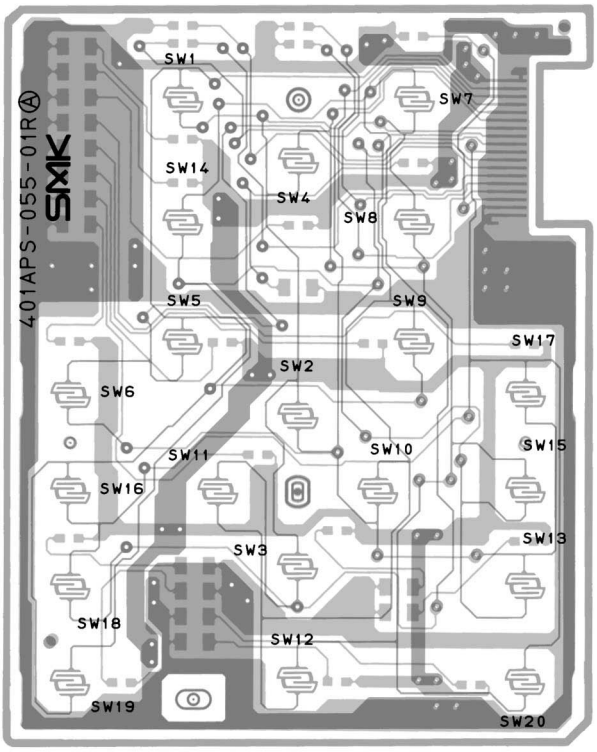
R/C Receiver Unit (Component Side)



Terminal Unit (Component Side)



Operation Key Unit (Wiring Side)



Operation Key Unit (Component Side)

PARTS LIST

PARTS REPLACEMENT

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

Les pieces marquées "⚠" sont importantes pour maintenir la sécurité de l'appareil. Ne remplacer ces pieces que par des pieces dont le numéro est spécifié pour maintenir la sécurité et protéger le bon fonctinnement de l'appareil.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER 2. REF. NO.
3. PART NO. 4. DESCRIPTION
5. CODE 6. QUANTITY

in **USA**: Contact your nearest SHARP Parts Distributor. For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

in **CANADA**: Contact SHARP Electronics of Canada Limited Phone (416) 890-2100.

★ MARK: SPARE PARTS-DELIVERY SECTION

Ref. No.	Part No.	★	Description	Code

DMD ASSEMBLY

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

CCHSK0076CE01 J DMD Chassis Ass'y HF
(The optics, lamp, power and ballast units as well as the bottom cabinet can be taken out, referring to the Exploded View, and be employed for other units.)

9FU768550000 J DMD/Driver Ass'y
(Note: The carrying case (9FU768815710), optionally available, is needed for transporting the DMD/Driver assembly.)

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

DUNTK9965DE01	–	Main Unit	—
DUNTK9966DE01	–	Terminal Unit	—
DUNTK9967DE01	–	R/C Receiver Unit	—
DUNTK9968DE01	–	Sound Out Unit	—
CPCi-0036CE01	–	PC I/F Unit	—

Ref. No.	Part No.	★	Description	Code

DUNTK9965DE01
MAIN UNIT

INTEGRATED CIRCUITS

IC302	VHiTA8184F/-1	J	TA8184F	AN
IC801	VHiTDA8854H-2	J	TDA8854H/N2	BD
IC802	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC803	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC805	VHiTDA4565/-1	J	TDA4565/V6	AN
IC807	VHiNJM2060V-1	J	NJM2060V	AF
IC812	VHiT7SET08U-1	J	TC7SET08FU	AE
IC814	VHiTA8814N/-1	J	TA8814N	AV
IC4001	VHiMC141627-1	J	MC141627FT	AY
IC4301	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC4302	VHiCXA1839Q-1	J	CXA1839	AZ
IC4303	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC4501	VHiPD64081B-1	J	UPD64081BGF3BA	BD
IC4502	VHiMC14577F-1	J	MC14577BF	AG
IC4503	RH-iX3084CEZZ	J	HY514264BJC-50	AS
IC4505	VHiPST600iM-1	J	IC-PST600IMT	AE
IC4506	VHiT7SET08U-1	J	TC7SET08FU	AE
IC4507	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC4508	VHiTC4S66F/-1	J	TC4S66F	AD
IC4509	VHiNJM2233V-1	J	NJM2233V	AE
IC4511	VHiTC4W66U/-1	J	TC4W66FU	AF
IC4512	RH-iX2963CEZZ	J	X24645S8T2	AX
IC4514	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC5201	VHiM62352GP-1	J	M62352GP	AQ
IC5340	VHiM62320FP-1	J	M62320FP	AK
IC6001	VHiNJM2240M-1	J	NJM2240M	AG
IC6003	VHiBA7046F/-1	J	BA7046F	AF
IC6005	VHiNJM2283V-1	J	NJM2283V	AG
IC6006	VHiNJM2234M-1	J	NJM2234M	AF
IC6007	VHiPST600DM-1	J	IC-PST600DMT	AE
IC6008	VHiTC90A11F-1	J	TC90A11F	AZ
IC6009	VHiNJM2283V-1	J	NJM2283V	AG
IC6010	VHiM518221S-1	J	MSM518221-30JS	BA
IC6801	VHiNJM431E/-1	J	NJM431E-TE1	AF
IC6802	VHiNJM2902V-1	J	NJM2902V	AD
IC6803	VHiAD8051AT-1	J	AD8051ART	AP
IC6804	VHiAD8051AT-1	J	AD8051ART	AP
IC6805	VHiAD8051AT-1	J	AD8051ART	AP
IC6806	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC6807	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC6808	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC7205	RH-iX2296CEZZ	J	TC7S66F	AD

TRANSISTORS

Q801	VS2PD601AR/-1	J	2PD601AR	AB
Q802	VS2PB709AR/-1	J	2PB709AR	AB
Q803	VS2PD601AR/-1	J	2PD601AR	AB
Q804	VS2PB709AR/-1	J	2PB709AR	AB
Q805	VSDTC144EU/-1	J	DTC144EU	AB
Q806	VS2PD601AR/-1	J	2PD601AR	AB
Q807	VS2PD601AR/-1	J	2PD601AR	AB
Q808	VS2PD601AR/-1	J	2PD601AR	AB
Q809	VS2PB709AR/-1	J	2PB709AR	AB
Q810	VS2PB709AR/-1	J	2PB709AR	AB
Q811	VSDTC144EU/-1	J	DTC144EU	AB
Q812	VS2PD601AR/-1	J	2PD601AR	AB
Q813	VS2PD601AR/-1	J	2PD601AR	AB
Q4002	VS2PD601AR/-1	J	2PD601AR	AB
Q4003	VS2PD601AR/-1	J	2PD601AR	AB
Q4004	VS2PB709AR/-1	J	2PB709AR	AB
Q4005	VSiMX2/////-1	J	iMX2	AB
Q4006	VS2PD601AR/-1	J	2PD601AR	AB
Q4007	VS2PD601AR/-1	J	2PD601AR	AB
Q4008	VS2PD601AR/-1	J	2PD601AR	AB
Q4301	VS2PD601AR/-1	J	2PD601AR	AB
Q4302	VS2PD601AR/-1	J	2PD601AR	AB
Q4303	VS2PD601AR/-1	J	2PD601AR	AB
Q4304	VS2PD601AR/-1	J	2PD601AR	AB
Q4305	VS2PD601AR/-1	J	2PD601AR	AB
Q4306	VS2PD601AR/-1	J	2PD601AR	AB

DUNTK9965DE01
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
Q4307	VS2PD601AR/-1	J	2PD601AR	AB
Q4308	VS2PD601AR/-1	J	2PD601AR	AB
Q4309	VSDTC144EU/-1	J	DTC144EU	AB
Q4310	VSBSN20////-1	J	BSN20	AD
Q4311	VSBSN20////-1	J	BSN20	AD
Q4501	VS2PB709AR/-1	J	2PB709AR	AB
Q4502	VS2PB709AR/-1	J	2PB709AR	AB
Q4503	VS2PB709AR/-1	J	2PB709AR	AB
Q4504	VS2PB709AR/-1	J	2PB709AR	AB
Q4505	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q4506	VS2PD601AR/-1	J	2PD601AR	AB
Q4507	VS2PB709AR/-1	J	2PB709AR	AB
Q4508	VS2PD601AR/-1	J	2PD601AR	AB
Q4509	VS2PB709AR/-1	J	2PB709AR	AB
Q4510	VS2PB709AR/-1	J	2PB709AR	AB
Q4511	VS2PD601AR/-1	J	2PD601AR	AB
Q4512	VS2PB709AR/-1	J	2PB709AR	AB
Q6001	VS2PD601AR/-1	J	2PD601AR	AB
Q6002	VS2PD601AR/-1	J	2PD601AR	AB
Q6003	VS2PB709AR/-1	J	2PB709AR	AB
Q6004	VS2PD601AR/-1	J	2PD601AR	AB
Q6005	VS2PD601AR/-1	J	2PD601AR	AB
Q6006	VS2PD601AR/-1	J	2PD601AR	AB
Q6007	VS2PB709AR/-1	J	2PB709AR	AB
Q6008	VS2PD601AR/-1	J	2PD601AR	AB
Q6009	VS2PD601AR/-1	J	2PD601AR	AB
Q6010	VS2PD601AR/-1	J	2PD601AR	AB
Q6011	VS2PD601AR/-1	J	2PD601AR	AB
Q6012	VS2PD601AR/-1	J	2PD601AR	AB
Q6013	VS2PD601AR/-1	J	2PD601AR	AB
Q6014	VS2PD601AR/-1	J	2PD601AR	AB
Q6801	VS2PD601AR/-1	J	2PD601AR	AB
Q6802	VS2PB709AR/-1	J	2PB709AR	AB
Q6803	VS2PD601AR/-1	J	2PD601AR	AB
Q6804	VS2PD601AR/-1	J	2PD601AR	AB
Q6805	VS2PD601AR/-1	J	2PD601AR	AB
Q7201	VS2PD601AR/-1	J	2PD601AR	AB

DIODES

D801	VHDDAN202K/-1	J	Diode	AB
D804	VHDMA152WA/-1	J	Diode	AA
D4001	VHDMA153///-1	J	Diode	AB
D4002	VHD1SS355//-1	J	Diode	AB
D4302	VHDDAN202K/-1	J	Diode	AB
D4501	VHDDAN202K/-1	J	Diode	AB
D5001	VHDHRW0702A-1	J	Diode	AE
D5002	VHDHRW0702A-1	J	Diode	AE
D5003	VHDHRW0702A-1	J	Diode	AE
D5004	VHDHRW0702A-1	J	Diode	AE
D5005	VHDMA137///-1	J	Diode	AC
D5006	VHDMA137///-1	J	Diode	AC
D5007	VHDMA137///-1	J	Diode	AC
D5008	VHDMA137///-1	J	Diode	AC
D5009	VHDHRW0702A-1	J	Diode	AE
D5010	VHDHRW0702A-1	J	Diode	AE
D5011	VHDHRW0702A-1	J	Diode	AE
D5012	VHDHRW0702A-1	J	Diode	AE
D5013	VHDHRW0702A-1	J	Diode	AE
D5014	VHDMA137///-1	J	Diode	AC
D5015	VHDMA137///-1	J	Diode	AC
D5016	VHDMA137///-1	J	Diode	AC
D5017	VHDMA137///-1	J	Diode	AC
D5018	VHDMA137///-1	J	Diode	AC
D6001	RH-EX0879CEZZ	J	Zener Diode	AD
D6002	RH-EX0879CEZZ	J	Zener Diode	AD

PACKAGED CIRCUITS

X801	RCRSB0253CEZZ	J	Crystal	AL
X802	RCRSB0254CEZZ	J	Crystal	AL
X4501	RCRSB0258CEZZ	J	Crystal	AG

Ref. No.	Part No.	★	Description	Code

COILS AND FILTERS

FL4001	RCiLF0316CEZZ	J	Filter	AG
FL4002	RCiLF0316CEZZ	J	Filter	AG
FL4501	RCiLF0306CEZZ	J	Filter	AH
FL4502	RCiLV0108GEZZ	J	Band-Pass Coil	AG
L801	VP-1M330J4R2N	J	Peaking 33µH	AC
L4001	VP-1M330J4R2N	J	Peaking 33µH	AC
L4002	VP-1M330J4R2N	J	Peaking 33µH	AC
L4003	VP-1M270J3R8N	J	Peaking 27µH	AC
L4501	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L4502	VP-1M220J2R9N	J	Peaking 22µH	AC
L4510	VP-1M220J2R9N	J	Peaking 22µH	AC
L6001	VP-1M270J3R8N	J	Peaking 27µH	AC
L6002	VP-1M220J2R9N	J	Peaking 22µH	AC
L6003	VP-1M330J4R2N	J	Peaking 33µH	AC

CAPACITORS

[MLFT··· Multi Layer Film Tip]

C314	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C315	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C316	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C317	VCFRED1HM822J	J	8200p	50V	MLFT	AD
C318	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C319	VCFYEC1CM334J	J	0.33	16V	MLFT	AE
C320	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C321	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C322	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C323	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C324	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C325	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C326	VCKYCY1CF154Z	J	0.15	16V	Ceramic	AB
C327	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C328	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C329	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C801	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C802	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C803	VCEAPV1HW225M	J	2.2	50V	Electrolytic	AC
C804	VCFYEC1CM223J	J	0.022	16V	Mylar	AC
C805	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C806	VCFYEC1CM274J	J	0.27	16V	Mylar	AE
C807	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C808	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C809	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C810	VCFYEC1CM274J	J	0.27	16V	Mylar	AE
C811	VCKYCY1CF224Z	J	0.22	16V	Ceramic	AA
C812	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C813	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C814	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C815	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C816	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C817	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C818	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C819	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C820	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C821	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C823	VCCCCY1HH180J	J	18p	50V	Ceramic	AA
C824	VCCCCY1HH180J	J	18p	50V	Ceramic	AA
C825	VCFRED1HM332J	J	3300p	50V	Mylar	AD
C826	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C827	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C828	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C829	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C830	VCFRED1HM222J	J	2200p	50V	Mylar	AC
C831	VCEAPV1HW105M	J	1.0	50V	Electrolytic	AC
C832	VCFRED1HM472J	J	4700p	50V	Mylar	AD
C834	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C835	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C836	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C841	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C842	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C843	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C844	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C845	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C846	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB

DUNTK9965DE01
MAIN UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C847	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C848	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C858	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C859	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C860	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C861	VCCCCY1HH820J	J	82p	50V	Ceramic	AA
C862	RC-EZ1146CEZZ	J	27	16V	Electrolytic	AG
C863	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C864	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C865	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C866	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C867	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C868	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C870	VCEAPV1CW476M	J	47	16V	Electrolytic	AD
C875	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C877	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C878	VCEAPV1HW225M	J	2.2	50V	Electrolytic	AC
C879	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C880	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C891	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C892	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C918	VCEAPV1CW476M	J	47	16V	Electrolytic	AD
C922	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C937	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C938	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C939	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C940	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C950	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C951	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C962	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C963	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C964	VCFYEC1CM104J	J	0.1	16V	Mylar	AD
C965	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C966	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C968	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C976	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3510	VCCCCY1HH820J	J	82p	50V	Ceramic	AA
C3512	VCEAPV0JW476M	J	47	6.3V	Electrolytic	AD
C3513	VCKYTV1CF225Z	J	2.2	16V	Ceramic	AC
C3514	VCKYTV1CF225Z	J	2.2	16V	Ceramic	AC
C4001	VCEAPV0JW226M	J	22	6.3V	Electrolytic	AC
C4002	VCEAPV0JW226M	J	22	6.3V	Electrolytic	AC
C4003	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4004	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C4005	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4006	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4007	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4008	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4009	VCEAPV0JW476M	J	47	6.3V	Electrolytic	AD
C4010	VCEAPV1HW105M	J	1.0	50V	Electrolytic	AC
C4011	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C4012	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4013	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C4014	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4015	VCEAPV1HW105M	J	1.0	50V	Electrolytic	AC
C4016	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4017	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C4018	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4019	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4020	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4021	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4022	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4023	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C4024	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4301	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C4302	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4303	VCCCCY1EH821J	J	820p	25V	Ceramic	AB
C4304	VCCCCY1HH561J	J	560p	50V	Ceramic	AB
C4305	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C4306	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4307	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C4308	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4309	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4310	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4311	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4312	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C4313	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4314	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4315	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4316	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4317	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4318	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4319	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C4320	VCEAPV1CW476M	J	47	16V	Electrolytic	AD
C4321	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4322	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4324	VCEAPV1HW474M	J	0.47	50V	Electrolytic	AC
C4325	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C4327	VCEAPV1HW225M	J	2.2	50V	Electrolytic	AC
C4328	VCEAPV1CW476M	J	47	16V	Electrolytic	AD
C4330	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C4501	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4502	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4503	VCEAPV1CW476M	J	47	16V	Electrolytic	AD
C4504	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4505	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4506	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C4507	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C4508	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4509	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C4510	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4511	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4512	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4513	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C4515	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4516	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4517	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4518	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4519	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4520	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4521	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4522	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4523	VCEAPV0JW107M	J	100	6.3V	Electrolytic	AD
C4524	VCEAPV0JW107M	J	100	6.3V	Electrolytic	AD
C4525	VCEAPV0JW476M	J	47	6.3V	Electrolytic	AD
C4526	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4527	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4528	VCEAPV0JW476M	J	47	6.3V	Electrolytic	AD
C4529	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4530	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4531	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4533	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4534	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4535	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C4536	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C4537	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4538	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4539	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4540	VCCCCY1HH391J	J	390p	50V	Ceramic	AA
C4541	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4542	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C4543	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4545	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4546	VCEAPV1HW474M	J	0.47	50V	Electrolytic	AC
C4548	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4549	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C4550	VCEAPV1HW334M	J	0.33	50V	Electrolytic	AC
C4551	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4552	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C4553	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4554	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C4555	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4556	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C4557	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4558	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4559	VCEAPV1CW106M	J	10	16V	Electrolytic	AD

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Ref. No.	Part No.	★			Description	Code
C4560	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4561	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4562	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C4563	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C4564	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4566	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C4590	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C4591	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4592	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C4595	RC-EZ1148CEZZ	J	56	6.3V	Electrolytic	AG
C5001	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5002	VCEAPV0JW107M	J	100	6.3V	Electrolytic	AD
C5003	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5201	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5340	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5401	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C5402	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5403	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6002	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6003	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6004	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6005	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6006	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C6007	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C6008	VCEAPV0JW476M	J	47	6.3V	Electrolytic	AD
C6009	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6010	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C6011	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6012	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C6013	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6014	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6016	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6019	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC
C6020	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C6023	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C6024	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6025	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6027	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6028	VCCCCY1HH360J	J	36p	50V	Ceramic	AA
C6029	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6030	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6031	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6032	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C6033	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6034	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C6035	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C6036	VCEAPV0JW476M	J	47	6.3V	Electrolytic	AD
C6037	VCEAPV0JW476M	J	47	6.3V	Electrolytic	AD
C6038	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6039	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6040	VCCCCY1HH181J	J	180p	50V	Ceramic	AA
C6041	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6042	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6043	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6044	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6045	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6046	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6047	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6048	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6049	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6050	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6051	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6052	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6053	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C6054	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6056	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6057	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C6058	VCEAPV0JW476M	J	47	6.3V	Electrolytic	AD
C6059	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6060	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC
C6061	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6062	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6063	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6064	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6065	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6066	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C6067	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C6068	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C6069	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6070	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6071	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6072	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6073	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6074	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6075	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6076	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6077	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C6078	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6079	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6080	VCEAPV1CW476M	J	47	16V	Electrolytic	AD
C6081	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C6082	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6083	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C6084	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C6085	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6086	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C6087	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6088	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C6090	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6091	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6092	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6093	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6801	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6802	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6803	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6804	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6805	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6806	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6807	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6808	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6809	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6810	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6811	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6812	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6813	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6814	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6815	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6816	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6817	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6818	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6819	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6820	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6821	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6822	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6823	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6824	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6825	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6826	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6827	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6828	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6829	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6830	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C6831	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6832	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6833	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C7213	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7220	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C7227	RC-EZ1148CEZZ	J	56	6.3V	Electrolytic	AG
C7235	RC-EZ1146CEZZ	J	27	16V	Electrolytic	AG
C7314	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA

RESISTORS

R316	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R317	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R318	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R319	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA

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Ref. No.	Part No.	★			Description	Code
R320	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R321	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R322	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R323	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R324	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R325	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R801	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R802	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R803	VRS-CY1JF564J	J	560k	1/16W	Metal Oxide	AA
R804	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R805	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R810	VRS-CA1JF101J	J	100	1/16W	Metal Oxide	AA
R812	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R813	VRS-TX2HF4R7J	J	4.7	1/2W	Metal Oxide	AB
R815	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R816	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R817	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R818	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R819	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R820	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R821	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R822	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R823	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R824	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R825	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R826	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R827	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R828	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R829	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R830	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R831	VRS-TX2HF4R7J	J	4.7	1/2W	Metal Oxide	AB
R832	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R833	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R834	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R835	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R836	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R837	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R838	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R839	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R840	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R841	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R842	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R843	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R844	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R845	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R846	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R847	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R848	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R849	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R850	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R851	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R852	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R853	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R854	VRS-CY1JF750J	J	75	1/16W	Metal Oxide	AA
R855	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R856	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R857	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R858	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R859	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R860	VRN-CY1JF133D	J	13k	1/16W	Metal Film	AB
R861	VRN-CY1JF752D	J	7.5k	1/16W	Metal Film	AA
R862	VRN-CY1JF682D	J	6.8k	1/16W	Metal Film	AB
R863	VRN-CY1JF103D	J	10k	1/16W	Metal Film	AA
R864	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R865	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R866	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R867	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R868	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R869	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R870	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R871	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R872	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R873	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R874	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R875	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R876	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R879	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R880	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R881	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R882	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R883	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R891	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R893	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R899	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R900	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R901	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R902	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R903	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R904	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R905	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R906	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R907	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R908	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R909	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R910	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R911	VRS-CY1JF683J	J	68k	1/16W	Metal Oxide	AA
R912	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R913	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R914	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R920	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R921	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R922	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R923	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R924	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R939	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R959	VRS-TV1JD222J	J	2.2k	1/16W	Metal Oxide	AA
R975	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R976	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R980	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R981	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R982	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R983	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R990	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R991	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R3510	VRS-TX2HF2R7J	J	2.7	1/2W	Metal Oxide	AB
R3511	VRS-CY1JF301F	J	300	1/16W	Metal Oxide	AA
R3512	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R3513	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R3514	VRS-TV1JD100J	J	10	1/16W	Metal Oxide	AA
R3515	VRS-TV1JD100J	J	10	1/16W	Metal Oxide	AA
R4001	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R4002	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4003	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4004	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R4005	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R4006	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R4007	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4008	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R4009	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R4010	VRS-CY1JF754J	J	750k	1/16W	Metal Oxide	AA
R4012	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4014	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4015	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R4016	VRS-CY1JF563J	J	56k	1/16W	Metal Oxide	AA
R4017	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4018	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4019	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R4020	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R4021	VRS-CY1JF185J	J	1.8M	1/16W	Metal Oxide	AE
R4022	VRS-TV1JD152J	J	1.5k	1/16W	Metal Oxide	AA
R4023	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4024	VRS-CY1JF121J	J	120	1/16W	Metal Oxide	AA
R4025	VRS-CY1JF4R7J	J	4.7	1/16W	Metal Oxide	AA
R4026	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R4027	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R4028	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA

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MAIN UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R4029	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R4030	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R4031	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R4032	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4033	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4034	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R4035	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R4036	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4037	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4038	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R4307	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R4308	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R4309	VRN-CY1JF562D	J	5.6k	1/16W	Metal Film	AB
R4310	VRN-CY1JF392D	J	3.9k	1/16W	Metal Film	AA
R4311	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4312	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R4313	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4314	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4315	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4316	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R4317	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4318	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4319	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R4320	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4321	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4322	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R4323	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4324	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4325	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R4326	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R4327	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R4328	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4329	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4330	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R4331	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4332	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R4333	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4334	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R4335	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4336	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R4337	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4338	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4339	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4340	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4341	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4342	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4343	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4344	VRS-CA1JF100J	J	10	1/16W	Metal Oxide	AB
R4346	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4349	VRS-CA1JF223J	J	22k	1/16W	Metal Oxide	AA
R4361	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4362	VRN-CY1JF622D	J	6.2k	1/16W	Metal Film	AA
R4363	VRN-CY1JF102D	J	1.0k	1/16W	Metal Film	AB
R4364	VRS-TX2HF4R7J	J	4.7	1/2W	Metal Oxide	AB
R4365	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R4369	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4391	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4392	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4393	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4501	VRS-CY1JF391J	J	390	1/16W	Metal Oxide	AA
R4502	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R4503	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4504	VRS-CY1JF132J	J	1.3k	1/16W	Metal Oxide	AA
R4505	VRS-CY1JF122J	J	1.2k	1/16W	Metal Oxide	AA
R4506	VRS-CY1JF431J	J	430	1/16W	Metal Oxide	AA
R4507	VRS-CY1JF122J	J	1.2k	1/16W	Metal Oxide	AA
R4508	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4509	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R4510	VRS-CY1JF391J	J	390	1/16W	Metal Oxide	AA
R4511	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4512	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R4513	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4514	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4515	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R4516	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R4517	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4518	VRS-CY1JF911J	J	910	1/16W	Metal Oxide	AA
R4519	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4520	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4521	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4522	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4523	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R4524	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4525	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R4526	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4527	VRS-CB1JF101J	J	100	1/16W	Metal Oxide	AA
R4528	VRS-CB1JF101J	J	100	1/16W	Metal Oxide	AA
R4529	VRS-CB1JF101J	J	100	1/16W	Metal Oxide	AA
R4530	VRS-CB1JF101J	J	100	1/16W	Metal Oxide	AA
R4531	VRS-CB1JF101J	J	100	1/16W	Metal Oxide	AA
R4532	VRS-CB1JF101J	J	100	1/16W	Metal Oxide	AA
R4533	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R4534	VRS-TV1JD2R2J	J	2.2	1/16W	Metal Oxide	AA
R4536	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4537	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4538	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4539	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4540	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4541	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R4542	VRS-CA1JF271J	J	270	1/16W	Metal Oxide	AA
R4544	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4545	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R4546	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R4547	VRS-CB1JF101J	J	100	1/16W	Metal Oxide	AA
R4548	VRS-CB1JF101J	J	100	1/16W	Metal Oxide	AA
R4549	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4550	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4551	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R4552	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4553	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R4554	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4555	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R4556	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R4557	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R4558	VRS-CY1JF222F	J	2.2k	1/16W	Metal Oxide	AA
R4560	VRS-CY1JF222F	J	2.2k	1/16W	Metal Oxide	AA
R4561	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4563	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4564	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4565	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4566	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4567	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4568	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4569	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4571	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4572	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4573	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4574	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4591	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4592	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R4595	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4596	VRS-CY1JF472F	J	4.7k	1/16W	Metal Oxide	AA
R4597	VRS-CY1JF272F	J	2.7k	1/16W	Metal Oxide	AA
R4598	VRS-CY1JF102F	J	1.0k	1/16W	Metal Oxide	AA
R5001	VRS-TW2ED000J	J	0	1/4W	Metal Oxide	AB
R5002	VRS-CB1JF101J	J	100	1/16W	Metal Oxide	AA
R5006	VRS-CB1JF101J	J	100	1/16W	Metal Oxide	AA
R5010	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5011	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5012	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5013	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5014	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5019	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5204	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5205	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5206	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA

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MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R5207	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5208	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5209	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5210	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5211	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5212	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5213	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5214	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5215	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5216	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5217	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5218	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5306	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5340	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5341	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5342	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5344	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5345	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5346	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5347	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5348	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5349	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5350	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5351	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5401	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA
R5402	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5404	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5406	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R5408	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5410	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5411	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5412	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6001	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R6002	VRS-CY1JF361J	J	360 1/16W Metal Oxide	AA
R6005	VRS-CY1JF332F	J	3.3k 1/16W Metal Oxide	AA
R6006	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R6007	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6008	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6009	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R6010	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6011	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R6012	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6013	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6014	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R6015	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R6016	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R6019	VRS-CY1JF474J	J	470k 1/16W Metal Oxide	AA
R6020	VRS-CY1JF151J	J	150 1/16W Metal Oxide	AA
R6021	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R6022	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6023	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6024	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R6025	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6027	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R6028	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6029	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R6030	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R6031	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R6033	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R6034	VRS-TV1JD122J	J	1.2k 1/16W Metal Oxide	AA
R6035	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R6036	VRS-TV1JD102J	J	1.0k 1/16W Metal Oxide	AA
R6037	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6038	VRS-TV1JD471J	J	470 1/16W Metal Oxide	AA
R6039	VRS-TV1JD122J	J	1.2k 1/16W Metal Oxide	AA
R6040	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6041	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6042	VRN-CY1JF332D	J	3.3k 1/16W Metal Film	AA
R6043	VRN-CY1JF332D	J	3.3k 1/16W Metal Film	AA
R6044	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R6045	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R6046	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R6047	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6048	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6049	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R6050	VRS-CY1JF823J	J	82k 1/16W Metal Oxide	AA
R6051	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R6052	VRS-TV1JD222J	J	2.2k 1/16W Metal Oxide	AA
R6053	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6054	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6055	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6056	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R6057	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6058	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6059	VRS-CY1JF154J	J	150k 1/16W Metal Oxide	AA
R6060	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6061	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6062	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6063	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R6064	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R6065	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6066	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6067	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6068	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6069	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6070	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6071	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R6072	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6073	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R6074	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R6075	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6076	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6077	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6078	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R6079	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6080	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R6081	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6082	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R6083	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6084	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6085	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R6801	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R6802	VRS-CY1JF512F	J	5.1k 1/16W Metal Oxide	AA
R6803	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R6804	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R6805	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R6806	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R6807	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R6808	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R6809	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6810	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6811	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6812	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6813	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6814	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6815	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R6816	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6817	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6818	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6819	VRS-CY1JF202F	J	2.0k 1/16W Metal Oxide	AA
R6820	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R6821	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R6822	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R6823	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R6824	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R6825	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R6826	VRS-CB1JF000J	J	0 1/16W Metal Oxide	AC
R6828	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R6830	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R6832	VRS-CB1JF000J	J	0 1/16W Metal Oxide	AC
R6836	VRS-CB1JF000J	J	0 1/16W Metal Oxide	AC
R6837	VRS-CB1JF000J	J	0 1/16W Metal Oxide	AC
R6844	VRS-CB1JF000J	J	0 1/16W Metal Oxide	AC
R6845	VRS-CB1JF000J	J	0 1/16W Metal Oxide	AC
R7201	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R7202	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
R7203	VRS-CY1JF393J	J	39k 1/16W Metal Oxide	AA
R7250	VRS-CY1JF184J	J	180k 1/16W Metal Oxide	AA
R7251	VRN-CY1JF242D	J	2.4k 1/16W Metal Film	AB
R7260	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R7280	VRN-CY1JF152D	J	1.5k 1/16W Metal Film	AB
R7281	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R7282	VRN-CY1JF332D	J	3.3k 1/16W Metal Film	AA
R7283	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R7284	VRN-CY1JF182D	J	1.8k 1/16W Metal Film	AA

SWITCH

SW5001	QSW-K0065GEZZ	J	Key Switch	AC

MISCELLANEOUS PARTS

FB3501	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4001	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB4002	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB4003	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB4004	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB4005	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB4501	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4502	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4506	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4507	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4508	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4509	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4510	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB4511	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5001	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB6001	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6002	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6003	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6004	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6005	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6006	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6801	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6802	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6803	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6804	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6805	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6806	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7204	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7205	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7214	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7216	RBLN-0061TAZZ	J	Ferrite Bead	AD
TP804	QLUGP0110TAFW	J	Lug, Test Point	AA
TP805	QLUGP0110TAFW	J	Lug, Test Point	AA
TP806	QLUGP0110TAFW	J	Lug, Test Point	AA
TP807	QLUGP0110TAFW	J	Lug, Test Point	AA
P303	QPLGN0263TAZZ	J	Plug, 2-pin (AU)	AB
P7201	QPLGN0174FJZZ	J	Plug, 2-pin (T1)	AC
P7206	QPLGN0174FJZZ	J	Plug, 2-pin (T2)	AC
SC5001	QSOCN1836TAZZ	J	Socket, 18-pin	AF
SC5502	QCNCW6029CEZZ	J	Socket, 60-pin	AL
SC8404	QCNCW6029CEZZ	J	Socket, 60-pin	AL
RMC3510	RRMCK0028CEZZ	J	R/C Receiver	AW
	HDECQ0737CEOT	J	Ir Receiver Cover	AD

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MAIN UNIT (Continued)

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TERMINAL UNIT

INTEGRATED CIRCUITS

IC3001	VHi24LC21//-1	J	24LC21T	AN
IC3002	VHiTL712CPS-1	J	TL712CPS	AL
IC3003	VHiTL712CPS-1	J	TL712CPS	AL
IC3004	VHiTL712CPS-1	J	TL712CPS	AL
IC3301	VHiNJM2233V-1	J	NJM2233V	AE
IC3302	VHiNJM2233V-1	J	NJM2233V	AE
IC3401	VHiNJM2245M-1	J	NJM2245M	AF
IC3604	VHiT7WH241U-1	J	TC7WH241FU	AF
IC3605	VHiUPD4721G-1	J	UPD4721G-GJG	AQ
IC3606	VHiT7WH241U-1	J	TC7WH241FU	AF
IC3801	VHi24LC21//-1	J	24LC21T	AN

TRANSISTORS

Q3301	VS2PD601AR/-1	J	2PD601AR	AB
Q3602	VSDTC144EU/-1	J	DTC144EU	AB

DIODES

D3001	RH-EX0226CEZZ	J	Zener Diode	AB
D3002	RH-EX0226CEZZ	J	Zener Diode	AB
D3003	RH-EX0226CEZZ	J	Zener Diode	AB
D3004	VHDMA157A//-1	J	Diode	AC
D3005	RH-EX0226CEZZ	J	Zener Diode	AB
D3301	RH-EX0226CEZZ	J	Zener Diode	AB
D3302	RH-EX0226CEZZ	J	Zener Diode	AB
D3303	RH-EX0226CEZZ	J	Zener Diode	AB
D3304	RH-EX0226CEZZ	J	Zener Diode	AB
D3401	RH-EX0879CEZZ	J	Zener Diode	AD
D3402	RH-EX0226CEZZ	J	Zener Diode	AB
D3403	RH-EX0226CEZZ	J	Zener Diode	AB
D3801	VHDMA157A//-1	J	Diode	AC
D3802	VHDMA157A//-1	J	Diode	AC
D3803	VHDMA157A//-1	J	Diode	AC
D3804	VHDMA157A//-1	J	Diode	AC
D3805	VHDMA157A//-1	J	Diode	AC
D3806	VHDMA157A//-1	J	Diode	AC
D3807	VHDMA157A//-1	J	Diode	AC
D3808	VHDMA157A//-1	J	Diode	AC
D3809	RH-EX0879CEZZ	J	Zener Diode	AD
D3810	RH-EX0879CEZZ	J	Zener Diode	AD
D3811	RH-EX0879CEZZ	J	Zener Diode	AD
D3812	VHDMA3120WA-1	J	Diode	AK
D3813	VHDMA3120WA-1	J	Diode	AK
D3814	VHDMA3120WA-1	J	Diode	AK
D3815	VHDMA3120WA-1	J	Diode	AK
D3816	VHDMA157A//1	J	Diode	AC
D3817	VHDMA157A//1	J	Diode	AC

COIL AND FILTERS

FL3401	RFiLN0124GEZZ	J	Filter	AD
FL3402	RFiLN0124GEZZ	J	Filter	AD
FL3403	RFiLN0124GEZZ	J	Filter	AD
FL3404	RFiLN0124GEZZ	J	Filter	AD
FL3405	RFiLN0124GEZZ	J	Filter	AD
L3001	VP-1M100J1R6N	J	Peaking 10µH	AC

CAPACITORS

C3001	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C3002	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3003	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3004	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3005	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3006	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3007	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3008	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3009	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3010	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3011	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3012	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3013	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3303	VCCCCY1HH101J	J	100p	50V	Ceramic	AA

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TERMINAL UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C3304	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3305	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3306	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3307	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3308	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3309	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3401	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3402	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3403	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3405	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3406	RC-EZ1146CEZZ	J	27	16V	Electrolytic	AG
C3407	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3408	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3501	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C3502	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3612	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3613	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3614	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3615	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3616	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C3617	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C3618	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3619	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3620	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C3621	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C3622	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3802	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB

RESISTORS

R3004	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R3006	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3007	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R3008	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3009	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3010	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3011	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3012	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R3013	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R3014	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R3015	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3016	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3017	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3018	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3019	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3020	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3021	VRS-CY1JF330J	J	33	1/16W	Metal Oxide	AA
R3022	VRS-CY1JF330J	J	33	1/16W	Metal Oxide	AA
R3023	VRS-CY1JF330J	J	33	1/16W	Metal Oxide	AA
R3024	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3025	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3026	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3027	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3028	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3029	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3046	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3047	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3048	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3050	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R3051	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R3052	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R3301	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R3302	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R3303	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R3304	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R3305	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3308	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3309	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R3310	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R3311	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R3314	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R3315	VRS-TV1JD122J	J	1.2k	1/16W	Metal Oxide	AA
R3316	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3401	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3402	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3403	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R3404	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R3405	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R3406	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R3407	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R3408	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R3409	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3410	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R3411	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3412	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3414	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R3501	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R3502	VRS-TX2HF220J	J	22	1/2W	Metal Oxide	AB
R3601	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3602	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3603	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3604	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R3605	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3606	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3607	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3608	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3609	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3610	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3611	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3612	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3613	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3614	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3615	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3616	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3617	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R3618	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3619	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3620	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R3621	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R3801	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R3802	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R3803	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R3804	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R3805	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R3806	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R3807	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R3808	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R3811	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3814	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3815	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3817	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R3818	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R3819	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R3820	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3822	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

FB3001	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3002	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3003	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3301	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3302	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3303	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3401	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB3402	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB3403	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB3404	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3405	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3406	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB3801	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB3802	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB3803	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3804	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3805	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3806	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3807	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3808	RBLN-0060TAZZ	J	Ferrite Bead	AB

Ref. No.	Part No.	★	Description	Code

DUNTK9966DE01
TERMINAL UNIT (Continued)

FB3809	RBLN-0060TAZZ	J	Ferrite Bead	AB
J3300	QJAKJ0008GEZZ	J	Jack, Audio IN	AD
J3400	QJAKG0064CEZZ	J	Jack, Audio /Video IN	AG
J3401	QSOCD0403GEZZ	J	Socket, S-Video IN	AE
SC3001	QSOCZ2025CEZZ	J	Socket, 20-pin	AE
SC3002	QSOCZ2025CEZZ	J	Socket, 20-pin	AE
SC3003	QSOCN0448FJZZ	J	Socket, 15-pin RGB IN	AM
SC3600	QSOCD0901CEZZ	J	Socket, 9-Pin	AH
SC3800	QSOCN0474FJZZ	J	Socket, 20-pin	AN
RMC3501	RRMCU0237CEZZ	J	R/C Receiver	AF
	PSLDM1001CEFW	J	Shield	AH
	PSLDM1002CEFW	J	Shield	AM

DUNTK9967DE01
R/C RECEIVER UNIT

CAPACITOR

C3503	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC

RESISTORS

R3503	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R3504	VRS-CY1JF220J	J	22	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

P3501	QPLGN0364TAZZ	J	Plug, 3-pin (RC)	AC
RMC3502	RRMCU0237CEZZ	J	R/C Receiver	AF
	PSLDC3076CEFN	J	Shield	AE

DUNTK9968DE01
SOUND OUT UNIT

INTEGRATED CIRCUITS

IC301	VHiTDA7056A1E	J	TDA7056A1E	AL
IC7202	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC7203	VHiPQ20VZ11-1	J	PQ20VZ11	AH

TRANSISTORS

Q301	VS2PD601AR/-1	J	2PD601AR	AB
Q302	VS2SD1664R/-1	J	2SD1664R	AC
Q303	VS2SD1664R/-1	J	2SD1664R	AC
Q7202	VSDTC114EU/-1	J	DTC114EU	AB
Q7204	VS2PD601AR/-1	J	2PD601AR	AB
Q7212	VSDTC114EU/-1	J	DTC114EU	AB
Q7213	VSDTC114EU/-1	J	DTC114EU	AB
Q7215	VSDTC114EU/-1	J	DTC114EU	AB
Q7216	VS2PD601AR/-1	J	2PD601AR	AB

DIODES

D7202	VHDDAN202K/-1	J	Diode	AB
D7203	VHDDAN202K/-1	J	Diode	AB

CAPACITORS

C302	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C303	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C304	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C305	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C306	VCEAPV1EW475M	J	4.7	25V	Electrolytic	AC
C307	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C308	VCEAPV1CW106M	J	10	16V	Electrolytic	AD
C309	VCKYTQ1CB474K	J	0.47	16V	Ceramic	AD
C310	VCEAPT1CN107M	J	100	16V	Electrolytic	AD
C311	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C312	VCEAPT1CN107M	J	100	16V	Electrolytic	AD
C313	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7201	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7204	VCEAPV1CW336M	J	33	16V	Electrolytic	AD
C7207	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7208	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C7209	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C7212	VCEAPV1CW476M	J	47	16V	Electrolytic	AD
C7214	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C7217	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7224	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7231	VCEAPV1CW226M	J	22	16V	Electrolytic	AD
C7232	VCE9PF1CW336M	J	33	16V	Elect.(N.P)	AD
C7313	VCEAPV1CW476M	J	47	16V	Electrolytic	AD

RESISTORS

R301	VRS-TX2HF8R2J	J	8.2	1/2W	Metal Oxide	AA
R302	VRN-CY1JF183D	J	18k	1/16W	Metal Film	AA
R303	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R304	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R305	VRN-CY1JF273D	J	27k	1/16W	Metal Film	AB
R306	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R307	VRN-CY1JF103D	J	10k	1/16W	Metal Film	AA
R308	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R309	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R310	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R311	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R312	VRS-TX2HF1R0J	J	1.0	1/2W	Metal Oxide	AA
R313	VRS-TX2HF1R0J	J	1.0	1/2W	Metal Oxide	AA
R315	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R7204	VRS-TX2HF000J	J	0	1/2W	Metal Oxide	AA
R7205	VRS-TX2HF000J	J	0	1/2W	Metal Oxide	AA
R7211	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7212	VRS-CY1JF822F	J	8.2k	1/16W	Metal Oxide	AA
R7213	VRS-CY1JF823F	J	82k	1/16W	Metal Oxide	AA
R7214	VRS-CY1JF102F	J	1.0k	1/16W	Metal Oxide	AA
R7215	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R7219	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R7220	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R7221	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7222	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R7225	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R7226	VRS-CY1JF822F	J	8.2k	1/16W	Metal Oxide	AA
R7227	VRS-CY1JF823F	J	82k	1/16W	Metal Oxide	AA
R7228	VRS-CY1JF102F	J	1.0k	1/16W	Metal Oxide	AA
R7229	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R7233	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R7243	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R7248	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R7253	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R7256	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R7261	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R7285	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R7286	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7287	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R7288	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R7289	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R7290	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7291	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7292	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
TH301	QFS-J2521CEZZ	J	Fuse Resistor			AF

MISCELLANEOUS PARTS

FB301	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB303	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB305	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7201	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7208	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7209	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7210	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7211	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7213	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7217	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7218	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7219	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7220	RBLN-0059CEZZ	J	Ferrite Bead	AB
P301	QPLGN0264TAZZ	J	Plug, 2-pin (SP)	AC
P304	QPLGN0263TAZZ	J	Plug, 2-pin	AB
P7203	QPLGN0463TAZZ	J	Plug, 4-pin (FA)	AC
P7204	QPLGN0363TAZZ	J	Plug, 3-pin (FB)	AC
P7205	QPLGN0364TAZZ	J	Plug, 3-pin (FC)	AC
SC7202	QSOCZ0016FJZZ	J	Socket, 19-pin	AE
	PRDAR1559CEFW	J	Heat Sink for IC301	AE

CPCi-0036CE01
PC I/F UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC8001	RH-iX3270CEZZ	J	HD6417709	BH
IC8002	9DK001-15061	J	PST600IM	AL
IC8003	9DK001-11020	J	AT24C128N-10SC-1.8	AS
IC8005	9DK001-15027	J	NJM3403AV	AQ
IC8006	9DK001-12055	J	TC7WH241FU	AN
IC8007	9DK001-15061	J	PST600IM	AL
IC8009	9DK001-15067	J	CXA3286R	BG
IC8010	9DK001-15067	J	CXA3286R	BG
IC8011	9DK001-15067	J	CXA3286R	BG
IC8012	9DK001-12062	J	SN74CBT3244PW	AT
IC8013	9DK001-15053	J	TL431CPS	AL
IC8014	9DK001-15027	J	NJM3403AV	AQ
IC8015	9DK001-15028	J	ICS1522M	BS
IC8016	9DK001-12062	J	SN74CBT3244PW	AT
IC8017	9DK001-12062	J	SN74CBT3244PW	AT
IC8019	9DK001-15060	J	PST623XW	AP
IC8020	RH-iX3342CEZZ	J	GMZ2	BT
IC8021	9DK001-16063	J	MB88346BPFV	AR
IC8022	9DK001-12061	J	TC74HCT244AF	AQ
IC8023	9DK001-15012	J	LM6361M	AY
IC8025	RH-iX3249CEZZ	J	MB87J1100	BU
IC8026	9DK001-12056	J	TC74LVX02FT	AL
IC8027	RH-iX3374CEZZ	J	LH28F320S3NS-L11	BL
IC8028	9DK001-11017	J	MSM51V18165D-60TS-K	BB
IC8029	RH-iX3250CEZZ	J	MB87J1110	BW
IC8030	9DK001-12062	J	SN74CBT3244PW	AT
IC8031	9DK001-12062	J	SN74CBT3244PW	AT
IC8032	9DK001-12062	J	SN74CBT3244PW	AT
IC8033	RH-iX3269CEZZ	J	RY5FD3KC	AW
IC8034	9DK001-15008	J	TL712CPS	AP
IC8035	9DK001-11018	J	MB81F161622B-70	BD
IC8036	9DK001-15008	J	TL712CPS	AP
IC8038	9DK001-11018	J	MB81F161622B-70	BD
IC8039	9DK001-11018	J	MB81F161622B-70	BD
IC8040	9DK001-15062	J	LM4040CIM3-4.1	AS
IC8046	9DK001-11019	J	MB81F161622B-80	BC
IC8048	RH-iX3293CEZZ	J	MBCG61394-106	BC
IC8052	9DK001-12055	J	TC7WH241FU	AN
IC8053	9DK001-12057	J	TC74LVX86FT	AM
IC8054	9DK001-12055	J	TC7WH241FU	AN
IC8055	9DK001-12063	J	TC74LVX174FT	AL
IC8056	9DK001-12058	J	HD74LVC00T	AK
IC8057	9DK001-12059	J	TC74LCX04FT	AM
IC8060	9DK001-12056	J	TC74LVX02FT	AL
IC8062	9DK001-15038	J	PQ05TZ11	AR
IC8063	9DK001-12064	J	TC74ACT157FT	AR
IC8065	9DK001-15066	J	LM2202M20B	AX
IC8066	9DK001-15066	J	LM2202M20B	AX
IC8067	9DK001-15066	J	LM2202M20B	AX
IC8070	9DK001-20026	J	UPA103G	BA
IC8071	9DK001-20026	J	UPA103G	BA
IC8072	9DK001-15068	J	UPD5555G	AQ
IC8073	9DK001-12065	J	TC7S04FU	AG
IC8074	9DK001-15027	J	NJM3403AV	AQ
IC8294	9DK001-12069	J	HD74LVC541AFP	
IC8295	9DK001-12069	J	HD74LVC541AFP	
IC8296	9DK001-12069	J	HD74LVC541AFP	
IC8297	9DK001-12069	J	HD74LVC541AFP	
IC8298	RH-iX3333CEZZ	J	I.C.	BH
IC8299	9DK001-15072	J	M62320FP	
IC8301	9DK001-15069	J	OPA3681E	
IC8302	9DK001-12068	J	SN74F153DB	
IC8303	9DK001-15071	J	PQ20VZ11	
IC8304	9DK001-12066	J	TC7S00FU	
IC8306	9DK001-12070	J	HD74HCT125T	
IC8307	9DK001-15070	J	NJM360M	
IC8308	9DK001-12071	J	HD74HC00T	
IC8309	9DK001-12072	J	HD74HC08T	
IC8312	9DK001-15073	J	AD8183	
IC8313	9DK001-15074	J	ML6420-3	
IC8314	9DK001-12067	J	TC7SET08FU	
IC8315	9DK001-12067	J	TC7SET08FU	
IC8901	9DK001-12073	J	GAL16LV8D-3LJ	
IC8903	9DK001-12055	J	TC7WH241FU	AN
IC8904	9DK001-12055	J	TC7WH241FU	AN

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q8001	9DK001-20024	J	HN1C01F	AF
Q8005	9DK001-20015	J	2SC3735(B35)	AF
Q8007	9DK001-20015	J	2SC3735(B35)	AF
Q8009	9DK001-20015	J	2SC3735(B35)	AF
Q8010	9DK001-20012	J	2SA1037KQ	AE
Q8011	9DK001-20011	J	2SC2412KQ	AE
Q8012	9DK001-20025	J	IMB3A	AE
Q8017	9DK001-20011	J	2SC2412KQ	AE
Q8018	9DK001-20011	J	2SC2412KQ	AE
Q8019	9DK001-20011	J	2SC2412KQ	AE
Q8020	9DK001-20011	J	2SC2412KQ	AE
Q8021	9DK001-20011	J	2SC2412KQ	AE
Q8022	9DK001-20029	J	UMG9N	
Q8024	9DK001-20029	J	UMG9N	
Q8026	9DK001-20011	J	2SC2412KQ	AE
Q8027	9DK001-20028	J	UMG2N	
Q8028	9DK001-20028	J	UMG2N	
Q8029	9DK001-20028	J	UMG2N	
Q8030	9DK001-20028	J	UMG2N	
Q8031	9DK001-20011	J	2SC2412KQ	AE
Q8032	9DK001-20011	J	2SC2412KQ	AE
Q8033	9DK001-20011	J	2SC2412KQ	AE
Q8034	9DK001-20011	J	2SC2412KQ	AE
Q8035	9DK001-20011	J	2SC2412KQ	AE
Q8036	9DK001-20011	J	2SC2412KQ	AE
Q8037	9DK001-20011	J	2SC2412KQ	AE
Q8038	9DK001-20011	J	2SC2412KQ	AE
Q8039	9DK001-20011	J	2SC2412KQ	AE
Q8040	9DK001-20030	J	DTC114EU	
Q8041	9DK001-20030	J	DTC114EU	
Q8042	9DK001-20030	J	DTC114EU	
Q8043	9DK001-20011	J	2SC2412KQ	AE
Q8044	9DK001-20011	J	2SC2412KQ	AE
Q8045	9DK001-20011	J	2SC2412KQ	AE
Q8046	9DK001-20012	J	2SA1037KQ	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D8001	9DK001-30001	J	1SS193 (F3)	AC
D8002	9DK001-30001	J	1SS193 (F3)	AC
D8003	9DK001-30001	J	1SS193 (F3)	AC
D8004	9DK001-30001	J	1SS193 (F3)	AC
D8005	9DK001-30001	J	1SS193 (F3)	AC
D8006	9DK001-30013	J	1SS362	AD
D8007	9DK001-30013	J	1SS362	AD
D8008	9DK001-30015	J	MA157A	
D8009	9DK001-30015	J	MA157A	
D8010	9DK001-30015	J	MA157A	
D8011	9DK001-30018	J	1SS187	
D8012	9DK001-30017	J	HZM5.1NB2	
D8013	9DK001-30016	J	HRW0702A	
D8014	9DK001-30016	J	HRW0702A	

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X8001	9DK001-80012	J	Crystal, 6MHz	AN
X8002	9DK001-80015	J	Crystal, 32.768kHz	AS
X8003	9DK001-80011	J	Crystal, 1.8432MHz	AS
X8004	9DK001-80013	J	Crystal, 22.165MHz	AN
X8005	9DK001-80016	J	Crystal, 14.31818MHz	

FILTERS

Ref. No.	Part No.	★	Description	Code
FL8002	9DK001-82020	J	Filter, BMK351	AG
FL8003	9DK001-82020	J	Filter, BMK351	AG
FL8004	9DK001-82020	J	Filter, BMK351	AG
FL8005	9DK001-82020	J	Filter, BMK351	AG
FL8006	9DK001-82020	J	Filter, BMK351	AG
FL8009	9DK001-82020	J	Filter, BMK351	AG
FL8010	9DK001-82020	J	Filter, BMK351	AG

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Ref. No.	Part No.	★	Description	Code
FL8011	9DK001-82020	J	Filter, BMK351	AG
FL8012	9DK001-82020	J	Filter, BMK351	AG
FL8013	9DK001-82020	J	Filter, BMK351	AG
FL8014	9DK001-82020	J	Filter, BMK351	AG
FL8020	9DK001-82020	J	Filter, BMK351	AG
FL8021	9DK001-82020	J	Filter, BMK351	AG
FL8022	9DK001-82020	J	Filter, BMK351	AG
FL8023	9DK001-82020	J	Filter, BMK351	AG
FL8026	9DK001-82020	J	Filter, BMK351	AG
FL8027	9DK001-82020	J	Filter, BMK351	AG
FL8028	9DK001-82020	J	Filter, BMK351	AG
FL8029	9DK001-82020	J	Filter, BMK351	AG
FL8030	9DK001-82020	J	Filter, BMK351	AG
FL8031	9DK001-82020	J	Filter, BMK351	AG
FL8032	9DK001-82020	J	Filter, BMK351	AG
FL8034	9DK001-82020	J	Filter, BMK351	AG
FL8035	9DK001-82020	J	Filter, BMK351	AG
FL8036	9DK001-82020	J	Filter, BMK351	AG
FL8037	9DK001-82020	J	Filter, BMK351	AG
FL8039	9DK001-82020	J	Filter, BMK351	AG
FL8040	9DK001-82020	J	Filter, BMK351	AG
FL8041	9DK001-82020	J	Filter, BMK351	AG
FL8042	9DK001-82020	J	Filter, BMK351	AG
FL8047	9DK001-82020	J	Filter, BMK351	AG
FL8048	9DK001-82020	J	Filter, BMK351	AG
FL8049	9DK001-82020	J	Filter, BMK351	AG
FL8050	9DK001-82020	J	Filter, BMK351	AG
FL8051	9DK001-82020	J	Filter, BMK351	AG
FL8053	9DK001-82020	J	Filter, BMK351	AG
FL8054	9DK001-82020	J	Filter, BMK351	AG
FL8057	9DK001-82020	J	Filter, BMK351	AG
FL8058	9DK001-82020	J	Filter, BMK351	AG
FL8068	9DK001-82025	J	Filter, NFA3216G C100/R470	
FL8069	9DK001-82025	J	Filter, NFA3216G C100/R470	
FL8070	9DK001-82025	J	Filter, NFA3216G C100/R470	
FL8071	9DK001-82025	J	Filter, NFA3216G C100/R470	
FL8072	9DK001-82025	J	Filter, NFA3216G C100/R470	
FL8073	9DK001-82025	J	Filter, NFA3216G C100/R470	
FL8075	9DK001-82024	J	Filter, BMS400	
FL8076	9DK001-82020	J	Filter, BMK351	AG
FL8077	9DK001-82020	J	Filter, BMK351	AG
FL8078	9DK001-82020	J	Filter, BMK351	AG
FL8079	9DK001-82020	J	Filter, BMK351	AG

COILS

FL8059	9DK001-81050	J	Coil, 68µH NLC322522T	AG
FL8062	9DK001-81050	J	Coil, 68µH NLC322522T	AG
FL8067	9DK001-81050	J	Coil, 68µH NLC322522T	AG
L8001	9DK001-81050	J	Coil, 68µH NLC322522T	AG
L8002	9DK001-81050	J	Coil, 68µH NLC322522T	AG
L8003	9DK001-81050	J	Coil, 68µH NLC322522T	AG
L8007	9DK001-81052	J	Coil, 3.3µH NLC322522T	
L8008	9DK001-81052	J	Coil, 3.3µH NLC322522T	
L8009	9DK001-81052	J	Coil, 3.3µH NLC322522T	
L8010	9DK001-81052	J	Coil, 3.3µH NLC322522T	
L8011	9DK001-81050	J	Coil, 68µH NLC322522T	AG
L8012	9DK001-81050	J	Coil, 68µH NLC322522T	AG
L8013	9DK001-81053	J	Coil, 4.7µH D62F-4R7M	
L8017	9DK001-81054	J	Coil, 100µH D10F-101K	

CONTROL

R8750	9DK001-52013	J	220Ω RH03A3AJ2	

CAPACITORS

C8001	9DK001-42094	J	0.1	25V	Ceramic	AC
C8002	9DK001-42094	J	0.1	25V	Ceramic	AC
C8004	9DK001-42094	J	0.1	25V	Ceramic	AC
C8005	9DK001-42094	J	0.1	25V	Ceramic	AC
C8006	9DK001-42096	J	0.01	50V	Ceramic	AC
C8007	9DK001-42096	J	0.01	50V	Ceramic	AC
C8008	9DK001-42096	J	0.01	50V	Ceramic	AC
C8009	9DK001-42096	J	0.01	50V	Ceramic	AC
C8012	9DK001-42103	J	15p	50V	Ceramic	AC
C8013	9DK001-42103	J	15p	50V	Ceramic	AC
C8014	9DK001-42096	J	0.01	50V	Ceramic	AC
C8015	9DK001-42103	J	15p	50V	Ceramic	AC
C8016	9DK001-42103	J	15p	50V	Ceramic	AC
C8017	9DK001-42096	J	0.01	50V	Ceramic	AC
C8018	9DK001-42096	J	0.01	50V	Ceramic	AC
C8019	9DK001-42104	J	470p	50V	Ceramic	AC
C8020	9DK001-42104	J	470p	50V	Ceramic	AC
C8021	9DK001-42096	J	0.01	50V	Ceramic	AC
C8022	9DK001-42096	J	0.01	50V	Ceramic	AC
C8023	9DK001-42096	J	0.01	50V	Ceramic	AC
C8024	9DK001-42118	J	10	25V	Ceramic	
C8025	9DK001-42096	J	0.01	50V	Ceramic	AC
C8026	9DK001-42096	J	0.01	50V	Ceramic	AC
C8027	9DK001-42096	J	0.01	50V	Ceramic	AC
C8028	9DK001-42096	J	0.01	50V	Ceramic	AC
C8029	9DK001-42096	J	0.01	50V	Ceramic	AC
C8030	9DK001-42105	J	0.047	50V	Ceramic	AC
C8031	9DK001-42094	J	0.1	25V	Ceramic	AC
C8032	9DK001-42094	J	0.1	25V	Ceramic	AC
C8033	9DK001-42094	J	0.1	25V	Ceramic	AC
C8034	9DK001-42096	J	0.01	50V	Ceramic	AC
C8035	9DK001-42096	J	0.01	50V	Ceramic	AC
C8036	9DK001-42096	J	0.01	50V	Ceramic	AC
C8037	9DK001-42096	J	0.01	50V	Ceramic	AC
C8038	9DK001-42096	J	0.01	50V	Ceramic	AC
C8039	9DK001-42094	J	0.1	25V	Ceramic	AC
C8040	9DK001-42096	J	0.01	50V	Ceramic	AC
C8041	9DK001-42096	J	0.01	50V	Ceramic	AC
C8042	9DK001-42096	J	0.01	50V	Ceramic	AC
C8043	9DK001-42096	J	0.01	50V	Ceramic	AC
C8044	9DK001-42096	J	0.01	50V	Ceramic	AC
C8045	9DK001-42096	J	0.01	50V	Ceramic	AC
C8046	9DK001-42096	J	0.01	50V	Ceramic	AC
C8047	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8048	9DK001-42096	J	0.01	50V	Ceramic	AC
C8049	9DK001-42096	J	0.01	50V	Ceramic	AC
C8050	9DK001-42096	J	0.01	50V	Ceramic	AC
C8051	9DK001-42096	J	0.01	50V	Ceramic	AC
C8052	9DK001-42096	J	0.01	50V	Ceramic	AC
C8053	9DK001-42096	J	0.01	50V	Ceramic	AC
C8054	9DK001-42096	J	0.01	50V	Ceramic	AC
C8055	9DK001-42096	J	0.01	50V	Ceramic	AC
C8056	9DK001-42096	J	0.01	50V	Ceramic	AC
C8059	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8060	9DK001-42096	J	0.01	50V	Ceramic	AC
C8061	9DK001-43018	J	10	16V	Tantalum	AH
C8062	9DK001-42096	J	0.01	50V	Ceramic	AC
C8068	9DK001-42096	J	0.01	50V	Ceramic	AC
C8069	9DK001-43018	J	10	16V	Tantalum	AH
C8070	9DK001-42096	J	0.01	50V	Ceramic	AC
C8076	9DK001-42096	J	0.01	50V	Ceramic	AC
C8077	9DK001-43018	J	10	16V	Tantalum	AH
C8078	9DK001-42096	J	0.01	50V	Ceramic	AC
C8084	9DK001-42096	J	0.01	50V	Ceramic	AC
C8085	9DK001-42094	J	0.1	25V	Ceramic	AC
C8091	9DK001-42096	J	0.01	50V	Ceramic	AC
C8092	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8093	9DK001-42096	J	0.01	50V	Ceramic	AC
C8094	9DK001-40093	J	0.47	50V	Elect. (N.P)	AE
C8095	9DK001-42094	J	0.1	25V	Ceramic	AC
C8096	9DK001-42102	J	2200p	50V	Ceramic	AC
C8097	9DK001-42118	J	10	25V	Ceramic	
C8098	9DK001-42094	J	0.1	25V	Ceramic	AC
C8099	9DK001-42094	J	0.1	25V	Ceramic	AC
C8100	9DK001-42094	J	0.1	25V	Ceramic	AC
C8101	9DK001-42094	J	0.1	25V	Ceramic	AC
C8102	9DK001-42118	J	10	25V	Ceramic	
C8103	9DK001-40077	J	10	16V	Electrolytic	AF
C8104	9DK001-42096	J	0.01	50V	Ceramic	AC
C8106	9DK001-42118	J	10	25V	Ceramic	
C8107	9DK001-42117	J	10	6.3V	Ceramic	
C8108	9DK001-42094	J	0.1	25V	Ceramic	AC

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Ref. No.	Part No.	★			Description	Code
C8109	9DK001-42094	J	0.1	25V	Ceramic	AC
C8110	9DK001-42094	J	0.1	25V	Ceramic	AC
C8111	9DK001-42096	J	0.01	50V	Ceramic	AC
C8113	9DK001-42094	J	0.1	25V	Ceramic	AC
C8114	9DK001-42096	J	0.01	50V	Ceramic	AC
C8115	9DK001-42094	J	0.1	25V	Ceramic	AC
C8116	9DK001-42094	J	0.1	25V	Ceramic	AC
C8117	9DK001-42094	J	0.1	25V	Ceramic	AC
C8118	9DK001-42096	J	0.01	50V	Ceramic	AC
C8119	9DK001-42117	J	10	6.3V	Ceramic	
C8120	9DK001-42094	J	0.1	25V	Ceramic	AC
C8121	9DK001-42096	J	0.01	50V	Ceramic	AC
C8123	9DK001-40077	J	10	16V	Electrolytic	AF
C8124	9DK001-42118	J	10	25V	Ceramic	
C8125	9DK001-42096	J	0.01	50V	Ceramic	AC
C8126	9DK001-42096	J	0.01	50V	Ceramic	AC
C8129	9DK001-40077	J	10	16V	Electrolytic	AF
C8130	9DK001-40077	J	10	16V	Electrolytic	AF
C8131	9DK001-42117	J	10	6.3V	Ceramic	
C8132	9DK001-42117	J	10	6.3V	Ceramic	
C8133	9DK001-42094	J	0.1	25V	Ceramic	AC
C8134	9DK001-42094	J	0.1	25V	Ceramic	AC
C8135	9DK001-42094	J	0.1	25V	Ceramic	AC
C8136	9DK001-42094	J	0.1	25V	Ceramic	AC
C8137	9DK001-42094	J	0.1	25V	Ceramic	AC
C8138	9DK001-42094	J	0.1	25V	Ceramic	AC
C8139	9DK001-42096	J	0.01	50V	Ceramic	AC
C8140	9DK001-42096	J	0.01	50V	Ceramic	AC
C8141	9DK001-42094	J	0.1	25V	Ceramic	AC
C8142	9DK001-42096	J	0.01	50V	Ceramic	AC
C8143	9DK001-42094	J	0.1	25V	Ceramic	AC
C8144	9DK001-42096	J	0.01	50V	Ceramic	AC
C8145	9DK001-42094	J	0.1	25V	Ceramic	AC
C8146	9DK001-42094	J	0.1	25V	Ceramic	AC
C8147	9DK001-42094	J	0.1	25V	Ceramic	AC
C8148	9DK001-42094	J	0.1	25V	Ceramic	AC
C8149	9DK001-42094	J	0.1	25V	Ceramic	AC
C8150	9DK001-42094	J	0.1	25V	Ceramic	AC
C8151	9DK001-42117	J	10	6.3V	Ceramic	
C8152	9DK001-42117	J	10	6.3V	Ceramic	
C8153	9DK001-42096	J	0.01	50V	Ceramic	AC
C8154	9DK001-42096	J	0.01	50V	Ceramic	AC
C8155	9DK001-42096	J	0.01	50V	Ceramic	AC
C8156	9DK001-42096	J	0.01	50V	Ceramic	AC
C8157	9DK001-42102	J	2200p	50V	Ceramic	AC
C8158	9DK001-42100	J	200p	50V	Ceramic	AC
C8159	9DK001-42096	J	0.01	50V	Ceramic	AC
C8160	9DK001-40077	J	10	16V	Electrolytic	AF
C8161	9DK001-40077	J	10	16V	Electrolytic	AF
C8162	9DK001-42096	J	0.01	50V	Ceramic	AC
C8163	9DK001-42096	J	0.01	50V	Ceramic	AC
C8165	9DK001-42096	J	0.01	50V	Ceramic	AC
C8166	9DK001-42096	J	0.01	50V	Ceramic	AC
C8167	9DK001-42096	J	0.01	50V	Ceramic	AC
C8168	9DK001-42096	J	0.01	50V	Ceramic	AC
C8169	9DK001-42096	J	0.01	50V	Ceramic	AC
C8170	9DK001-42096	J	0.01	50V	Ceramic	AC
C8171	9DK001-42096	J	0.01	50V	Ceramic	AC
C8174	9DK001-42096	J	0.01	50V	Ceramic	AC
C8175	9DK001-42096	J	0.01	50V	Ceramic	AC
C8176	9DK001-42096	J	0.01	50V	Ceramic	AC
C8177	9DK001-42096	J	0.01	50V	Ceramic	AC
C8178	9DK001-42096	J	0.01	50V	Ceramic	AC
C8179	9DK001-42096	J	0.01	50V	Ceramic	AC
C8180	9DK001-42096	J	0.01	50V	Ceramic	AC
C8181	9DK001-42096	J	0.01	50V	Ceramic	AC
C8182	9DK001-42096	J	0.01	50V	Ceramic	AC
C8185	9DK001-42096	J	0.01	50V	Ceramic	AC
C8186	9DK001-42096	J	0.01	50V	Ceramic	AC
C8187	9DK001-42096	J	0.01	50V	Ceramic	AC
C8188	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8189	9DK001-40091	J	100	4V	Electrolytic	AF
C8190	9DK001-42096	J	0.01	50V	Ceramic	AC
C8191	9DK001-42096	J	0.01	50V	Ceramic	AC
C8192	9DK001-42096	J	0.01	50V	Ceramic	AC
C8193	9DK001-42096	J	0.01	50V	Ceramic	AC
C8194	9DK001-42096	J	0.01	50V	Ceramic	AC
C8195	9DK001-42096	J	0.01	50V	Ceramic	AC
C8196	9DK001-42096	J	0.01	50V	Ceramic	AC
C8197	9DK001-42096	J	0.01	50V	Ceramic	AC
C8198	9DK001-42096	J	0.01	50V	Ceramic	AC
C8199	9DK001-42096	J	0.01	50V	Ceramic	AC
C8200	9DK001-42096	J	0.01	50V	Ceramic	AC
C8201	9DK001-42096	J	0.01	50V	Ceramic	AC
C8202	9DK001-42096	J	0.01	50V	Ceramic	AC
C8205	9DK001-42096	J	0.01	50V	Ceramic	AC
C8206	9DK001-42096	J	0.01	50V	Ceramic	AC
C8207	9DK001-42096	J	0.01	50V	Ceramic	AC
C8208	9DK001-42096	J	0.01	50V	Ceramic	AC
C8209	9DK001-42096	J	0.01	50V	Ceramic	AC
C8210	9DK001-42096	J	0.01	50V	Ceramic	AC
C8211	9DK001-42096	J	0.01	50V	Ceramic	AC
C8212	9DK001-42096	J	0.01	50V	Ceramic	AC
C8213	9DK001-42096	J	0.01	50V	Ceramic	AC
C8214	9DK001-42096	J	0.01	50V	Ceramic	AC
C8215	9DK001-42096	J	0.01	50V	Ceramic	AC
C8216	9DK001-42103	J	15p	50V	Ceramic	AC
C8217	9DK001-42096	J	0.01	50V	Ceramic	AC
C8218	9DK001-42096	J	0.01	50V	Ceramic	AC
C8219	9DK001-42096	J	0.01	50V	Ceramic	AC
C8220	9DK001-42103	J	15p	50V	Ceramic	AC
C8221	9DK001-42096	J	0.01	50V	Ceramic	AC
C8222	9DK001-42096	J	0.01	50V	Ceramic	AC
C8223	9DK001-42096	J	0.01	50V	Ceramic	AC
C8224	9DK001-42096	J	0.01	50V	Ceramic	AC
C8225	9DK001-42096	J	0.01	50V	Ceramic	AC
C8226	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8227	9DK001-42096	J	0.01	50V	Ceramic	AC
C8228	9DK001-42096	J	0.01	50V	Ceramic	AC
C8229	9DK001-42096	J	0.01	50V	Ceramic	AC
C8230	9DK001-42096	J	0.01	50V	Ceramic	AC
C8231	9DK001-42096	J	0.01	50V	Ceramic	AC
C8232	9DK001-42096	J	0.01	50V	Ceramic	AC
C8233	9DK001-42096	J	0.01	50V	Ceramic	AC
C8234	9DK001-42096	J	0.01	50V	Ceramic	AC
C8238	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8239	9DK001-40091	J	100	4V	Electrolytic	AF
C8240	9DK001-42096	J	0.01	50V	Ceramic	AC
C8241	9DK001-42096	J	0.01	50V	Ceramic	AC
C8242	9DK001-42096	J	0.01	50V	Ceramic	AC
C8243	9DK001-42096	J	0.01	50V	Ceramic	AC
C8244	9DK001-42096	J	0.01	50V	Ceramic	AC
C8245	9DK001-42096	J	0.01	50V	Ceramic	AC
C8246	9DK001-42096	J	0.01	50V	Ceramic	AC
C8247	9DK001-42096	J	0.01	50V	Ceramic	AC
C8250	9DK001-42096	J	0.01	50V	Ceramic	AC
C8251	9DK001-42096	J	0.01	50V	Ceramic	AC
C8254	9DK001-42096	J	0.01	50V	Ceramic	AC
C8259	9DK001-42103	J	15p	50V	Ceramic	AC
C8260	9DK001-42096	J	0.01	50V	Ceramic	AC
C8261	9DK001-42096	J	0.01	50V	Ceramic	AC
C8262	9DK001-42096	J	0.01	50V	Ceramic	AC
C8265	9DK001-42103	J	15p	50V	Ceramic	AC
C8266	9DK001-42096	J	0.01	50V	Ceramic	AC
C8267	9DK001-42096	J	0.01	50V	Ceramic	AC
C8268	9DK001-42096	J	0.01	50V	Ceramic	AC
C8271	9DK001-42096	J	0.01	50V	Ceramic	AC
C8272	9DK001-42096	J	0.01	50V	Ceramic	AC
C8273	9DK001-42096	J	0.01	50V	Ceramic	AC
C8276	9DK001-42096	J	0.01	50V	Ceramic	AC
C8277	9DK001-42096	J	0.01	50V	Ceramic	AC
C8278	9DK001-42096	J	0.01	50V	Ceramic	AC
C8279	9DK001-42096	J	0.01	50V	Ceramic	AC
C8280	9DK001-42096	J	0.01	50V	Ceramic	AC
C8281	9DK001-42096	J	0.01	50V	Ceramic	AC
C8282	9DK001-42096	J	0.01	50V	Ceramic	AC

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Ref. No.	Part No.	★			Description	Code
C8283	9DK001-42096	J	0.01	50V	Ceramic	AC
C8284	9DK001-42096	J	0.01	50V	Ceramic	AC
C8285	9DK001-42096	J	0.01	50V	Ceramic	AC
C8286	9DK001-42096	J	0.01	50V	Ceramic	AC
C8289	9DK001-42096	J	0.01	50V	Ceramic	AC
C8294	9DK001-42096	J	0.01	50V	Ceramic	AC
C8295	9DK001-42096	J	0.01	50V	Ceramic	AC
C8296	9DK001-42096	J	0.01	50V	Ceramic	AC
C8297	9DK001-42096	J	0.01	50V	Ceramic	AC
C8298	9DK001-42096	J	0.01	50V	Ceramic	AC
C8299	9DK001-42096	J	0.01	50V	Ceramic	AC
C8300	9DK001-42096	J	0.01	50V	Ceramic	AC
C8301	9DK001-42096	J	0.01	50V	Ceramic	AC
C8304	9DK001-42096	J	0.01	50V	Ceramic	AC
C8305	9DK001-42096	J	0.01	50V	Ceramic	AC
C8306	9DK001-42096	J	0.01	50V	Ceramic	AC
C8307	9DK001-42096	J	0.01	50V	Ceramic	AC
C8308	9DK001-42096	J	0.01	50V	Ceramic	AC
C8309	9DK001-42096	J	0.01	50V	Ceramic	AC
C8310	9DK001-42096	J	0.01	50V	Ceramic	AC
C8311	9DK001-42096	J	0.01	50V	Ceramic	AC
C8316	9DK001-42096	J	0.01	50V	Ceramic	AC
C8317	9DK001-42096	J	0.01	50V	Ceramic	AC
C8318	9DK001-42096	J	0.01	50V	Ceramic	AC
C8319	9DK001-42096	J	0.01	50V	Ceramic	AC
C8320	9DK001-42096	J	0.01	50V	Ceramic	AC
C8321	9DK001-42096	J	0.01	50V	Ceramic	AC
C8322	9DK001-42096	J	0.01	50V	Ceramic	AC
C8323	9DK001-42096	J	0.01	50V	Ceramic	AC
C8324	9DK001-42096	J	0.01	50V	Ceramic	AC
C8325	9DK001-42096	J	0.01	50V	Ceramic	AC
C8326	9DK001-42096	J	0.01	50V	Ceramic	AC
C8327	9DK001-42096	J	0.01	50V	Ceramic	AC
C8328	9DK001-42096	J	0.01	50V	Ceramic	AC
C8329	9DK001-42096	J	0.01	50V	Ceramic	AC
C8330	9DK001-42096	J	0.01	50V	Ceramic	AC
C8331	9DK001-42096	J	0.01	50V	Ceramic	AC
C8332	9DK001-42096	J	0.01	50V	Ceramic	AC
C8345	9DK001-42094	J	0.1	25V	Ceramic	AC
C8346	9DK001-42096	J	0.01	50V	Ceramic	AC
C8347	9DK001-42096	J	0.01	50V	Ceramic	AC
C8348	9DK001-42096	J	0.01	50V	Ceramic	AC
C8350	9DK001-42096	J	0.01	50V	Ceramic	AC
C8354	9DK001-42096	J	0.01	50V	Ceramic	AC
C8355	9DK001-42101	J	220p	50V	Ceramic	AC
C8358	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8359	9DK001-42094	J	0.1	25V	Ceramic	AC
C8360	9DK001-42094	J	0.1	25V	Ceramic	AC
C8361	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8362	9DK001-42094	J	0.1	25V	Ceramic	AC
C8365	9DK001-42096	J	0.01	50V	Ceramic	AC
C8366	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8367	9DK001-40092	J	220	4V	Electrolytic	AF
C8368	9DK001-40090	J	47	4V	Electrolytic	AF
C8369	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8370	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8371	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8372	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8373	9DK001-40090	J	47	4V	Electrolytic	AF
C8374	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8375	9DK001-40092	J	220	4V	Electrolytic	AF
C8378	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8379	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8380	9DK001-42096	J	0.01	50V	Ceramic	AC
C8381	9DK001-42109	J	4700p	50V	Ceramic	AB
C8382	9DK001-42094	J	0.1	25V	Ceramic	AC
C8383	9DK001-42119	J	22	10V	Ceramic	
C8384	9DK001-42094	J	0.1	25V	Ceramic	AC
C8385	9DK001-40079	J	47	16V	Electrolytic	AG
C8386	9DK001-42094	J	0.1	25V	Ceramic	AC
C8387	9DK001-42109	J	4700p	50V	Ceramic	AB
C8388	9DK001-42096	J	0.01	50V	Ceramic	AC
C8389	9DK001-42096	J	0.01	50V	Ceramic	AC
C8390	9DK001-42109	J	4700p	50V	Ceramic	AB
C8391	9DK001-42094	J	0.1	25V	Ceramic	AC
C8392	9DK001-42119	J	22	10V	Ceramic	
C8393	9DK001-40079	J	47	16V	Electrolytic	AG
C8394	9DK001-42094	J	0.1	25V	Ceramic	AC
C8395	9DK001-42094	J	0.1	25V	Ceramic	AC
C8396	9DK001-42109	J	4700p	50V	Ceramic	AB
C8397	9DK001-42096	J	0.01	50V	Ceramic	AC
C8398	9DK001-42096	J	0.01	50V	Ceramic	AC
C8399	9DK001-42109	J	4700p	50V	Ceramic	AB
C8400	9DK001-42094	J	0.1	25V	Ceramic	AC
C8401	9DK001-42119	J	22	10V	Ceramic	
C8402	9DK001-42094	J	0.1	25V	Ceramic	AC
C8403	9DK001-40079	J	47	16V	Electrolytic	AG
C8404	9DK001-42094	J	0.1	25V	Ceramic	AC
C8405	9DK001-42109	J	4700p	50V	Ceramic	AB
C8406	9DK001-42094	J	0.1	25V	Ceramic	AC
C8407	9DK001-42096	J	0.01	50V	Ceramic	AC
C8408	9DK001-40079	J	47	16V	Electrolytic	AG
C8409	9DK001-40079	J	47	16V	Electrolytic	AG
C8410	9DK001-40079	J	47	16V	Electrolytic	AG
C8411	9DK001-42094	J	0.1	25V	Ceramic	AC
C8412	9DK001-42094	J	0.1	25V	Ceramic	AC
C8413	9DK001-42094	J	0.1	25V	Ceramic	AC
C8414	9DK001-42094	J	0.1	25V	Ceramic	AC
C8415	9DK001-42094	J	0.1	25V	Ceramic	AC
C8416	9DK001-42094	J	0.1	25V	Ceramic	AC
C8417	9DK001-42094	J	0.1	25V	Ceramic	AC
C8418	9DK001-42094	J	0.1	25V	Ceramic	AC
C8419	9DK001-42108	J	5p	50V	Ceramic	AB
C8420	9DK001-42108	J	5p	50V	Ceramic	AB
C8421	9DK001-42108	J	5p	50V	Ceramic	AB
C8422	9DK001-42108	J	5p	50V	Ceramic	AB
C8423	9DK001-42096	J	0.01	50V	Ceramic	AC
C8424	9DK001-42096	J	0.01	50V	Ceramic	AC
C8425	9DK001-42096	J	0.01	50V	Ceramic	AC
C8426	9DK001-42094	J	0.1	25V	Ceramic	AC
C8427	9DK001-42096	J	0.01	50V	Ceramic	AC
C8428	9DK001-42107	J	0.1	16V	Chipfilm	AC
C8429	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8430	9DK001-42094	J	0.1	25V	Ceramic	AC
C8431	9DK001-40079	J	47	16V	Electrolytic	AG
C8432	9DK001-42094	J	0.1	25V	Ceramic	AC
C8433	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8434	9DK001-42094	J	0.1	25V	Ceramic	AC
C8435	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8436	9DK001-42094	J	0.1	25V	Ceramic	AC
C8437	9DK001-42099	J	100p	50V	Ceramic	AC
C8438	9DK001-42099	J	100p	50V	Ceramic	AC
C8439	9DK001-42099	J	100p	50V	Ceramic	AC
C8440	9DK001-42099	J	100p	50V	Ceramic	AC
C8441	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8442	9DK001-42114	J	1	16V	Ceramic	
C8443	9DK001-42094	J	0.1	25V	Ceramic	AC
C8444	9DK001-42099	J	100p	50V	Ceramic	AC
C8445	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8446	9DK001-42094	J	0.1	25V	Ceramic	AC
C8447	9DK001-42094	J	0.1	25V	Ceramic	AC
C8448	9DK001-42099	J	100p	50V	Ceramic	AC
C8449	9DK001-42099	J	100p	50V	Ceramic	AC
C8450	9DK001-42099	J	100p	50V	Ceramic	AC
C8451	9DK001-42094	J	0.1	25V	Ceramic	AC
C8452	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8453	9DK001-42094	J	0.1	25V	Ceramic	AC
C8454	9DK001-42094	J	0.1	25V	Ceramic	AC
C8455	9DK001-42094	J	0.1	25V	Ceramic	AC
C8456	9DK001-42094	J	0.1	25V	Ceramic	AC
C8457	9DK001-42099	J	100p	50V	Ceramic	AC
C8458	9DK001-42099	J	100p	50V	Ceramic	AC
C8459	9DK001-42099	J	100p	50V	Ceramic	AC
C8460	9DK001-42099	J	100p	50V	Ceramic	AC
C8461	9DK001-42099	J	100p	50V	Ceramic	AC
C8462	9DK001-42094	J	0.1	25V	Ceramic	AC

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PC I/F UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C8470	9DK001-43019	J	47	6.3V	Tantalum	
C8471	9DK001-42096	J	0.01	50V	Ceramic	AC
C8472	9DK001-43019	J	47	6.3V	Tantalum	
C8473	9DK001-42096	J	0.01	50V	Ceramic	AC
C8474	9DK001-43019	J	47	6.3V	Tantalum	
C8475	9DK001-42096	J	0.01	50V	Ceramic	AC
C8477	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8478	9DK001-42094	J	0.1	25V	Ceramic	AC
C8480	9DK001-42118	J	10	25V	Ceramic	
C8484	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8485	9DK001-42094	J	0.1	25V	Ceramic	AC
C8486	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8487	9DK001-40091	J	100	4V	Electrolytic	AF
C8488	9DK001-42094	J	0.1	25V	Ceramic	AC
C8489	9DK001-42094	J	0.1	25V	Ceramic	AC
C8490	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8491	9DK001-42094	J	0.1	25V	Ceramic	AC
C8492	9DK001-42094	J	0.1	25V	Ceramic	AC
C8493	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8494	9DK001-42094	J	0.1	25V	Ceramic	AC
C8495	9DK001-40079	J	47	16V	Electrolytic	AG
C8496	9DK001-42094	J	0.1	25V	Ceramic	AC
C8497	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8498	9DK001-42094	J	0.1	25V	Ceramic	AC
C8499	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8500	9DK001-42094	J	0.1	25V	Ceramic	AC
C8501	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8502	9DK001-42094	J	0.1	25V	Ceramic	AC
C8503	9DK001-40095	J	470	16V	Electrolytic	
C8504	9DK001-42094	J	0.1	25V	Ceramic	AC
C8505	9DK001-42114	J	1	16V	Ceramic	
C8506	9DK001-42094	J	0.1	25V	Ceramic	AC
C8507	9DK001-42094	J	0.1	25V	Ceramic	AC
C8508	9DK001-42094	J	0.1	25V	Ceramic	AC
C8509	9DK001-42094	J	0.1	25V	Ceramic	AC
C8510	9DK001-42096	J	0.01	50V	Ceramic	AC
C8511	9DK001-42094	J	0.1	25V	Ceramic	AC
C8512	9DK001-42094	J	0.1	25V	Ceramic	AC
C8514	9DK001-42118	J	10	25V	Ceramic	
C8515	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8516	9DK001-42094	J	0.1	25V	Ceramic	AC
C8517	9DK001-42094	J	0.1	25V	Ceramic	AC
C8518	9DK001-42120	J	47p	50V	Ceramic	
C8520	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8521	9DK001-42094	J	0.1	25V	Ceramic	AC
C8522	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8523	9DK001-42094	J	0.1	25V	Ceramic	AC
C8524	9DK001-42094	J	0.1	25V	Ceramic	AC
C8525	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8526	9DK001-42094	J	0.1	25V	Ceramic	AC
C8527	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8528	9DK001-42094	J	0.1	25V	Ceramic	AC
C8529	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8530	9DK001-42094	J	0.1	25V	Ceramic	AC
C8531	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8532	9DK001-42094	J	0.1	25V	Ceramic	AC
C8533	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8534	9DK001-42094	J	0.1	25V	Ceramic	AC
C8535	9DK001-42094	J	0.1	25V	Ceramic	AC
C8539	9DK001-42094	J	0.1	25V	Ceramic	AC
C8540	9DK001-42096	J	0.01	50V	Ceramic	AC
C8541	9DK001-42094	J	0.1	25V	Ceramic	AC
C8542	9DK001-42118	J	10	25V	Ceramic	
C8543	9DK001-42115	J	10p	50V	Ceramic	
C8544	9DK001-42094	J	0.1	25V	Ceramic	AC
C8545	9DK001-42094	J	0.1	25V	Ceramic	AC
C8546	9DK001-40077	J	10	16V	Electrolytic	AF
C8547	9DK001-40077	J	10	16V	Electrolytic	AF
C8548	9DK001-42115	J	10p	50V	Ceramic	
C8549	9DK001-42094	J	0.1	25V	Ceramic	AC
C8550	9DK001-42118	J	10	25V	Ceramic	
C8551	9DK001-42094	J	0.1	25V	Ceramic	AC
C8552	9DK001-42115	J	10p	50V	Ceramic	
C8553	9DK001-42094	J	0.1	25V	Ceramic	AC
C8554	9DK001-42118	J	10	25V	Ceramic	
C8555	9DK001-42118	J	10	25V	Ceramic	
C8556	9DK001-42118	J	10	25V	Ceramic	AC
C8557	9DK001-42094	J	0.1	25V	Ceramic	AC
C8558	9DK001-42118	J	10	25V	Ceramic	
C8559	9DK001-42116	J	390p	50V	Ceramic	
C8560	9DK001-42099	J	100p	50V	Ceramic	AC
C8561	9DK001-42094	J	0.1	25V	Ceramic	AC
C8562	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8563	9DK001-42094	J	0.1	25V	Ceramic	AC
C8564	9DK001-42094	J	0.1	25V	Ceramic	AC
C8568	9DK001-42094	J	0.1	25V	Ceramic	AC
C8901	9DK001-42094	J	0.1	25V	Ceramic	AC
C8902	9DK001-42114	J	1	16V	Ceramic	
C8904	9DK001-42094	J	0.1	25V	Ceramic	AC
C8905	9DK001-42094	J	0.1	25V	Ceramic	AC
C8908	9DK001-42114	J	1	16V	Ceramic	
C8909	9DK001-42114	J	1	16V	Ceramic	
C8917	9DK001-42094	J	0.1	25V	Ceramic	AC

RESISTORS

FL8001	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8024	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8025	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8033	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8038	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8043	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8044	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8045	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8046	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8074	9DK001-51033	J	0	1/16W	Resistor Array	
FL8080	9DK001-51033	J	0	1/16W	Resistor Array	
FL8081	9DK001-51033	J	0	1/16W	Resistor Array	
FL8082	9DK001-51033	J	0	1/16W	Resistor Array	
FL8083	9DK001-51033	J	0	1/16W	Resistor Array	
FL8084	9DK001-51033	J	0	1/16W	Resistor Array	
FL8085	9DK001-51033	J	0	1/16W	Resistor Array	
FL8086	9DK001-51033	J	0	1/16W	Resistor Array	
FL8087	9DK001-51033	J	0	1/16W	Resistor Array	
FL8088	9DK001-51033	J	0	1/16W	Resistor Array	
FL8089	9DK001-51033	J	0	1/16W	Resistor Array	
FL8090	9DK001-51033	J	0	1/16W	Resistor Array	
FL8091	9DK001-51033	J	0	1/16W	Resistor Array	
FL8092	9DK001-50110	J	0	1/10W	Chip2125	AB
R8001	9DK001-50165	J	100	1/16W	Chip1608	AA
R8002	9DK001-50165	J	100	1/16W	Chip1608	AA
R8003	9DK001-50165	J	100	1/16W	Chip1608	AA
R8004	9DK001-50165	J	100	1/16W	Chip1608	AA
R8005	9DK001-50163	J	68	1/16W	Chip1608	AA
R8006	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8007	9DK001-50209	J	27k	1/16W	Chip1608	AA
R8009	9DK001-50204	J	150	1/16W	Chip1608	AA
R8010	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8011	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8012	9DK001-50207	J	6.8k	1/16W	Chip1608	AA
R8013	9DK001-50207	J	6.8k	1/16W	Chip1608	AA
R8014	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8015	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8016	9DK001-50198	J	1.69k(F)	1/16W	Chip1608	AB
R8017	9DK001-50210	J	33k	1/16W	Chip1608	AA
R8018	9DK001-50199	J	2.15k(F)	1/16W	Chip1608	AB
R8019	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8020	9DK001-50113	J	0	1/4W	Chip3216	AB
R8021	9DK001-50113	J	0	1/4W	Chip3216	AB
R8022	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8023	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8025	9DK001-50165	J	100	1/16W	Chip1608	AA
R8027	9DK001-50209	J	27k	1/16W	Chip1608	AA
R8028	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R8033	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8034	9DK001-51030	J	10k	1/16W	Resistor Array	AD

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PC I/F UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R8035	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8036	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8037	9DK001-51032	J	47k	1/16W	Resistor Array	AD
R8038	9DK001-51032	J	47k	1/16W	Resistor Array	AD
R8040	9DK001-50163	J	68	1/16W	Chip1608	AA
R8041	9DK001-51032	J	47k	1/16W	Resistor Array	AD
R8042	9DK001-51032	J	47k	1/16W	Resistor Array	AD
R8043	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8044	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8045	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8046	9DK001-50150	J	10	1/16W	Chip1608	AA
R8047	9DK001-50150	J	10	1/16W	Chip1608	AA
R8048	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8049	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8050	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8051	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8052	9DK001-51032	J	47k	1/16W	Resistor Array	AD
R8053	9DK001-51032	J	47k	1/16W	Resistor Array	AD
R8054	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8055	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8056	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8057	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8058	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8059	9DK001-51032	J	47k	1/16W	Resistor Array	AD
R8060	9DK001-51032	J	47k	1/16W	Resistor Array	AD
R8061	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8062	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8063	9DK001-51032	J	47k	1/16W	Resistor Array	AD
R8064	9DK001-51032	J	47k	1/16W	Resistor Array	AD
R8065	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8066	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8067	9DK001-51032	J	47k	1/16W	Resistor Array	AD
R8068	9DK001-51032	J	47k	1/16W	Resistor Array	AD
R8070	9DK001-50149	J	0	1/16W	Chip1608	AB
R8071	9DK001-50159	J	22	1/16W	Chip1608	AA
R8072	9DK001-50159	J	22	1/16W	Chip1608	AA
R8074	9DK001-50165	J	100	1/16W	Chip1608	AA
R8075	9DK001-50159	J	22	1/16W	Chip1608	AA
R8076	9DK001-50232	J	150	1/4W	Chip3216	
R8077	9DK001-50150	J	10	1/16W	Chip1608	AA
R8080	9DK001-50111	J	75	1/4W	Chip3216	AB
R8082	9DK001-50165	J	100	1/16W	Chip1608	AA
R8083	9DK001-50159	J	22	1/16W	Chip1608	AA
R8084	9DK001-50232	J	150	1/4W	Chip3216	
R8085	9DK001-50150	J	10	1/16W	Chip1608	AA
R8088	9DK001-50111	J	75	1/4W	Chip3216	AB
R8090	9DK001-50165	J	100	1/16W	Chip1608	AA
R8091	9DK001-50159	J	22	1/16W	Chip1608	AA
R8092	9DK001-50232	J	150	1/4W	Chip3216	
R8093	9DK001-50150	J	10	1/16W	Chip1608	AA
R8096	9DK001-50111	J	75	1/4W	Chip3216	AB
R8097	9DK001-50244	J	3.9k	1/16W	Chip1608	
R8100	9DK001-50244	J	3.9k	1/16W	Chip1608	
R8103	9DK001-50149	J	0	1/16W	Chip1608	AB
R8104	9DK001-50244	J	3.9k	1/16W	Chip1608	
R8105	9DK001-50244	J	3.9k	1/16W	Chip1608	
R8107	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8108	9DK001-50149	J	0	1/16W	Chip1608	AB
R8109	9DK001-50202	J	51	1/16W	Chip1608	AA
R8110	9DK001-50202	J	51	1/16W	Chip1608	AA
R8112	9DK001-50165	J	100	1/16W	Chip1608	AA
R8113	9DK001-50149	J	0	1/16W	Chip1608	AB
R8114	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8115	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8116	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8117	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8118	9DK001-50171	J	330	1/16W	Chip1608	AA
R8119	9DK001-50177	J	1k	1/16W	Chip1608	AA
R8120	9DK001-50177	J	1k	1/16W	Chip1608	AA
R8121	9DK001-50165	J	100	1/16W	Chip1608	AA
R8122	9DK001-50210	J	33k	1/16W	Chip1608	AA
R8123	9DK001-50165	J	100	1/16W	Chip1608	AA
R8124	9DK001-50195	J	300(F)	1/16W	Chip1608	AB
R8125	9DK001-50197	J	2.7k	1/16W	Chip1608	AB
R8126	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8127	9DK001-50161	J	47	1/16W	Chip1608	AA
R8128	9DK001-50196	J	1.1k(F)	1/16W	Chip1608	AB
R8129	9DK001-50208	J	12k	1/16W	Chip1608	AA
R8130	9DK001-50165	J	100	1/16W	Chip1608	AA
R8131	9DK001-50165	J	100	1/16W	Chip1608	AA
R8132	9DK001-50152	J	1.5k(F)	1/16W	Chip1608	AB
R8133	9DK001-50196	J	1.1k	1/16W	Chip1608	AB
R8134	9DK001-50167	J	180	1/16W	Chip1608	AA
R8137	9DK001-50167	J	180	1/16W	Chip1608	AA
R8139	9DK001-50179	J	2.2k	1/16W	Chip1608	AA
R8140	9DK001-50165	J	100	1/16W	Chip1608	AA
R8141	9DK001-50165	J	100	1/16W	Chip1608	AA
R8142	9DK001-50167	J	180	1/16W	Chip1608	AA
R8145	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8146	9DK001-50167	J	180	1/16W	Chip1608	AA
R8149	9DK001-50189	J	130k	1/16W	Chip1608	AA
R8150	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8151	9DK001-50161	J	47	1/16W	Chip1608	AA
R8152	9DK001-50161	J	47	1/16W	Chip1608	AA
R8153	9DK001-50161	J	47	1/16W	Chip1608	AA
R8154	9DK001-50172	J	430	1/16W	Chip1608	AA
R8155	9DK001-50150	J	10	1/16W	Chip1608	AA
R8156	9DK001-50150	J	10	1/16W	Chip1608	AA
R8157	9DK001-50167	J	180	1/16W	Chip1608	AA
R8158	9DK001-50163	J	68	1/16W	Chip1608	AA
R8159	9DK001-50167	J	180	1/16W	Chip1608	AA
R8160	9DK001-50163	J	68	1/16W	Chip1608	AA
R8161	9DK001-50177	J	1k	1/16W	Chip1608	AA
R8162	9DK001-50163	J	68	1/16W	Chip1608	AA
R8164	9DK001-50150	J	10	1/16W	Chip1608	AA
R8165	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8166	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8167	9DK001-50159	J	22	1/16W	Chip1608	AA
R8168	9DK001-50159	J	22	1/16W	Chip1608	AA
R8169	9DK001-50159	J	22	1/16W	Chip1608	AA
R8170	9DK001-50159	J	22	1/16W	Chip1608	AA
R8171	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8172	9DK001-50201	J	15	1/16W	Chip1608	AA
R8173	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8174	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8175	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8176	9DK001-50150	J	10	1/16W	Chip1608	AA
R8177	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8178	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8179	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8180	9DK001-50159	J	22	1/16W	Chip1608	AA
R8181	9DK001-50159	J	22	1/16W	Chip1608	AA
R8182	9DK001-50159	J	22	1/16W	Chip1608	AA
R8183	9DK001-50159	J	22	1/16W	Chip1608	AA
R8184	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8185	9DK001-50165	J	100	1/16W	Chip1608	AA
R8186	9DK001-50204	J	150	1/16W	Chip1608	AA
R8187	9DK001-50203	J	62	1/16W	Chip1608	AA
R8189	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8190	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8191	9DK001-50159	J	22	1/16W	Chip1608	AA
R8192	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8193	9DK001-50159	J	22	1/16W	Chip1608	AA
R8194	9DK001-50159	J	22	1/16W	Chip1608	AA
R8195	9DK001-50159	J	22	1/16W	Chip1608	AA
R8196	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8197	9DK001-50190	J	1M	1/16W	Chip1608	AA
R8198	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8199	9DK001-50149	J	0	1/16W	Chip1608	AB
R8200	9DK001-50149	J	0	1/16W	Chip1608	AB
R8202	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8203	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8204	9DK001-50159	J	22	1/16W	Chip1608	AA
R8205	9DK001-50159	J	22	1/16W	Chip1608	AA
R8206	9DK001-50159	J	22	1/16W	Chip1608	AA
R8207	9DK001-50185	J	10k	1/16W	Chip1608	AA

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PC I/F UNIT (Continued)

Ref. No.	Part No.	★		Description	Code
R8209	9DK001-50185	J	10k	1/16W Chip1608	AA
R8210	9DK001-50173	J	470	1/16W Chip1608	AA
R8211	9DK001-50205	J	1.8k	1/16W Chip1608	AA
R8212	9DK001-50212	J	100k	1/16W Chip1608	AA
R8214	9DK001-50212	J	100k	1/16W Chip1608	AA
R8215	9DK001-51030	J	10k	1/16W Resistor Array	AD
R8216	9DK001-50150	J	10	1/16W Chip1608	AA
R8217	9DK001-50149	J	0	1/16W Chip1608	AB
R8218	9DK001-50164	J	82	1/16W Chip1608	AA
R8219	9DK001-50165	J	100	1/16W Chip1608	AA
R8220	9DK001-50185	J	10k	1/16W Chip1608	AA
R8221	9DK001-51030	J	10k	1/16W Resistor Array	AD
R8222	9DK001-51030	J	10k	1/16W Resistor Array	AD
R8223	9DK001-50185	J	10k	1/16W Chip1608	AA
R8224	9DK001-50185	J	10k	1/16W Chip1608	AA
R8225	9DK001-50149	J	0	1/16W Chip1608	AB
R8227	9DK001-50190	J	1M	1/16W Chip1608	AA
R8228	9DK001-50150	J	10	1/16W Chip1608	AA
R8229	9DK001-50150	J	10	1/16W Chip1608	AA
R8230	9DK001-50150	J	10	1/16W Chip1608	AA
R8231	9DK001-50165	J	100	1/16W Chip1608	AA
R8232	9DK001-50203	J	62	1/16W Chip1608	AA
R8233	9DK001-50204	J	150	1/16W Chip1608	AA
R8235	9DK001-50150	J	10	1/16W Chip1608	AA
R8236	9DK001-50149	J	0	1/16W Chip1608	AB
R8237	9DK001-50149	J	0	1/16W Chip1608	AB
R8239	9DK001-50169	J	220	1/16W Chip1608	AA
R8240	9DK001-50185	J	10k	1/16W Chip1608	AA
R8243	9DK001-51029	J	10	1/16W Resistor Array	AD
R8244	9DK001-51029	J	10	1/16W Resistor Array	AD
R8245	9DK001-51029	J	10	1/16W Resistor Array	AD
R8246	9DK001-50185	J	10k	1/16W Chip1608	AA
R8247	9DK001-51029	J	10	1/16W Resistor Array	AD
R8248	9DK001-51029	J	10	1/16W Resistor Array	AD
R8249	9DK001-51029	J	10	1/16W Resistor Array	AD
R8250	9DK001-51029	J	10	1/16W Resistor Array	AD
R8251	9DK001-50159	J	22	1/16W Chip1608	AA
R8252	9DK001-50159	J	22	1/16W Chip1608	AA
R8253	9DK001-50159	J	22	1/16W Chip1608	AA
R8254	9DK001-50159	J	22	1/16W Chip1608	AA
R8255	9DK001-50159	J	22	1/16W Chip1608	AA
R8257	9DK001-50185	J	10k	1/16W Chip1608	AA
R8301	9DK001-50185	J	10k	1/16W Chip1608	AA
R8316	9DK001-50185	J	10k	1/16W Chip1608	AA
R8317	9DK001-50185	J	10k	1/16W Chip1608	AA
R8318	9DK001-50185	J	10k	1/16W Chip1608	AA
R8319	9DK001-50169	J	220	1/16W Chip1608	AA
R8320	9DK001-50149	J	0	1/16W Chip1608	AB
R8321	9DK001-50173	J	470	1/16W Chip1608	AA
R8322	9DK001-50205	J	1.8k	1/16W Chip1608	AA
R8323	9DK001-50150	J	10	1/16W Chip1608	AA
R8324	9DK001-50177	J	1k	1/16W Chip1608	AA
R8325	9DK001-50150	J	10	1/16W Chip1608	AA
R8326	9DK001-50150	J	10	1/16W Chip1608	AA
R8327	9DK001-50150	J	10	1/16W Chip1608	AA
R8328	9DK001-50150	J	10	1/16W Chip1608	AA
R8336	9DK001-50149	J	0	1/16W Chip1608	AB
R8337	9DK001-50149	J	0	1/16W Chip1608	AB
R8338	9DK001-50149	J	0	1/16W Chip1608	AB
R8339	9DK001-50185	J	10k	1/16W Chip1608	AA
R8340	9DK001-50185	J	10k	1/16W Chip1608	AA
R8341	9DK001-50150	J	10	1/16W Chip1608	AA
R8342	9DK001-50150	J	10	1/16W Chip1608	AA
R8343	9DK001-50159	J	22	1/16W Chip1608	AA
R8344	9DK001-50185	J	10k	1/16W Chip1608	AA
R8345	9DK001-50185	J	10k	1/16W Chip1608	AA
R8346	9DK001-50185	J	10k	1/16W Chip1608	AA
R8348	9DK001-50149	J	0	1/16W Chip1608	AB
R8349	9DK001-50149	J	0	1/16W Chip1608	AB
R8350	9DK001-50149	J	0	1/16W Chip1608	AB
R8353	9DK001-50149	J	0	1/16W Chip1608	AB
R8354	9DK001-50185	J	10k	1/16W Chip1608	AA
R8355	9DK001-50162	J	56	1/16W Chip1608	AA
R8357	9DK001-50162	J	56	1/16W Chip1608	AA
R8360	9DK001-50185	J	10k	1/16W Chip1608	AA
R8383	9DK001-50177	J	1k	1/16W Chip1608	AA
R8384	9DK001-50165	J	100	1/16W Chip1608	AA
R8385	9DK001-50177	J	1k	1/16W Chip1608	AA
R8386	9DK001-50165	J	100	1/16W Chip1608	AA
R8387	9DK001-50150	J	10	1/16W Chip1608	AA
R8388	9DK001-50150	J	10	1/16W Chip1608	AA
R8389	9DK001-50177	J	1k	1/16W Chip1608	AA
R8390	9DK001-50165	J	100	1/16W Chip1608	AA
R8391	9DK001-50170	J	270	1/16W Chip1608	AA
R8392	9DK001-50170	J	270	1/16W Chip1608	AA
R8393	9DK001-50170	J	270	1/16W Chip1608	AA
R8394	9DK001-50177	J	1k	1/16W Chip1608	AA
R8395	9DK001-50177	J	1k	1/16W Chip1608	AA
R8396	9DK001-50177	J	1k	1/16W Chip1608	AA
R8397	9DK001-50163	J	68	1/16W Chip1608	AA
R8398	9DK001-50216	J	360	1/16W Chip1608	AA
R8399	9DK001-50165	J	100	1/16W Chip1608	AA
R8400	9DK001-50163	J	68	1/16W Chip1608	AA
R8401	9DK001-50216	J	360	1/16W Chip1608	AA
R8402	9DK001-50169	J	220	1/16W Chip1608	AA
R8403	9DK001-50202	J	51	1/16W Chip1608	AA
R8404	9DK001-50202	J	51	1/16W Chip1608	AA
R8405	9DK001-50176	J	820	1/16W Chip1608	AA
R8406	9DK001-50176	J	820	1/16W Chip1608	AA
R8407	9DK001-50161	J	47	1/16W Chip1608	AA
R8408	9DK001-50161	J	47	1/16W Chip1608	AA
R8409	9DK001-50165	J	100	1/16W Chip1608	AA
R8410	9DK001-50176	J	820	1/16W Chip1608	AA
R8411	9DK001-50176	J	820	1/16W Chip1608	AA
R8412	9DK001-50161	J	47	1/16W Chip1608	AA
R8413	9DK001-50161	J	47	1/16W Chip1608	AA
R8414	9DK001-50165	J	100	1/16W Chip1608	AA
R8415	9DK001-50202	J	51	1/16W Chip1608	AA
R8416	9DK001-50202	J	51	1/16W Chip1608	AA
R8417	9DK001-50204	J	150	1/16W Chip1608	AA
R8418	9DK001-50204	J	150	1/16W Chip1608	AA
R8419	9DK001-50204	J	150	1/16W Chip1608	AA
R8420	9DK001-50204	J	150	1/16W Chip1608	AA
R8421	9DK001-50176	J	820	1/16W Chip1608	AA
R8422	9DK001-50176	J	820	1/16W Chip1608	AA
R8423	9DK001-50176	J	820	1/16W Chip1608	AA
R8424	9DK001-50176	J	820	1/16W Chip1608	AA
R8426	9DK001-50240	J	220k(F)	1/16W Chip1608	
R8427	9DK001-50239	J	16k(F)	1/16W Chip1608	
R8428	9DK001-50219	J	47k	1/16W Chip1608	AA
R8429	9DK001-50150	J	10	1/16W Chip1608	AA
R8430	9DK001-50185	J	10k	1/16W Chip1608	AA
R8433	9DK001-50218	J	20k	1/16W Chip1608	AA
R8435	9DK001-50218	J	20k	1/16W Chip1608	AA
R8436	9DK001-50185	J	10k	1/16W Chip1608	AA
R8437	9DK001-50218	J	20k	1/16W Chip1608	AA
R8438	9DK001-50218	J	20k	1/16W Chip1608	AA
R8439	9DK001-50218	J	20k	1/16W Chip1608	AA
R8440	9DK001-50185	J	10k	1/16W Chip1608	AA
R8441	9DK001-50185	J	10k	1/16W Chip1608	AA
R8442	9DK001-50185	J	10k	1/16W Chip1608	AA
R8450	9DK001-50185	J	10k	1/16W Chip1608	AA
R8451	9DK001-50150	J	10	1/16W Chip1608	AA
R8452	9DK001-50150	J	10	1/16W Chip1608	AA
R8453	9DK001-50185	J	10k	1/16W Chip1608	AA
R8455	9DK001-50150	J	10	1/16W Chip1608	AA
R8456	9DK001-50150	J	10	1/16W Chip1608	AA
R8457	9DK001-50150	J	10	1/16W Chip1608	AA
R8458	9DK001-50150	J	10	1/16W Chip1608	AA
R8460	9DK001-50150	J	10	1/16W Chip1608	AA
R8461	9DK001-50150	J	10	1/16W Chip1608	AA
R8462	9DK001-50150	J	10	1/16W Chip1608	AA
R8463	9DK001-50150	J	10	1/16W Chip1608	AA
R8468	9DK001-50150	J	10	1/16W Chip1608	AA
R8469	9DK001-50150	J	10	1/16W Chip1608	AA
R8470	9DK001-50150	J	10	1/16W Chip1608	AA

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PC I/F UNIT (Continued)

Ref. No.	Part No.	★		Description	Code
R8472	9DK001-50162	J	56	1/16W Chip1608	AA
R8474	9DK001-50150	J	10	1/16W Chip1608	AA
R8475	9DK001-50177	J	1k	1/16W Chip1608	AA
R8476	9DK001-50177	J	1k	1/16W Chip1608	AA
R8477	9DK001-50177	J	1k	1/16W Chip1608	AA
R8478	9DK001-50177	J	1k	1/16W Chip1608	AA
R8481	9DK001-50150	J	10	1/16W Chip1608	AA
R8482	9DK001-50150	J	10	1/16W Chip1608	AA
R8487	9DK001-50149	J	0	1/16W Chip1608	AB
R8488	9DK001-50149	J	0	1/16W Chip1608	AB
R8492	9DK001-50247	J	510(F)	1/16W Chip1608	
R8503	9DK001-50243	J	2k	1/16W Chip1608	
R8511	9DK001-50149	J	0	1/16W Chip1608	AB
R8512	9DK001-50149	J	0	1/16W Chip1608	AB
R8513	9DK001-50154	J	2.2k(F)	1/16W Chip1608	AB
R8514	9DK001-50149	J	0	1/16W Chip1608	AB
R8515	9DK001-50149	J	0	1/16W Chip1608	AB
R8516	9DK001-50179	J	2.2k	1/16W Chip1608	AA
R8518	9DK001-50149	J	0	1/16W Chip1608	AB
R8527	9DK001-50149	J	0	1/16W Chip1608	AB
R8532	9DK001-50217	J	510	1/16W Chip1608	
R8533	9DK001-50217	J	510	1/16W Chip1608	
R8535	9DK001-50217	J	510	1/16W Chip1608	
R8539	9DK001-50149	J	0	1/16W Chip1608	AB
R8540	9DK001-50219	J	47k	1/16W Chip1608	AA
R8541	9DK001-50219	J	47k	1/16W Chip1608	AA
R8542	9DK001-50219	J	47k	1/16W Chip1608	AA
R8544	9DK001-50217	J	510	1/16W Chip1608	
R8545	9DK001-50217	J	510	1/16W Chip1608	
R8546	9DK001-50217	J	510	1/16W Chip1608	
R8548	9DK001-50111	J	75	1/4W Chip3216	AB
R8550	9DK001-50111	J	75	1/4W Chip3216	AB
R8551	9DK001-50111	J	75	1/4W Chip3216	AB
R8552	9DK001-50111	J	75	1/4W Chip3216	AB
R8553	9DK001-50111	J	75	1/4W Chip3216	AB
R8554	9DK001-50111	J	75	1/4W Chip3216	AB
R8557	9DK001-50149	J	0	1/16W Chip1608	AB
R8560	9DK001-50229	J	2.2	1/4W Chip3225	
R8561	9DK001-50233	J	390	1/4W Chip3216	
R8562	9DK001-50231	J	82	1/4W Chip3216	
R8563	9DK001-50234	J	560	1/4W Chip3216	
R8567	9DK001-50149	J	0	1/16W Chip1608	AB
R8569	9DK001-50149	J	0	1/16W Chip1608	AB
R8571	9DK001-50227	J	1	1/2W Chip4532	
R8572	9DK001-50227	J	1	1/2W Chip4532	
R8573	9DK001-50227	J	1	1/2W Chip4532	
R8574	9DK001-50227	J	1	1/2W Chip4532	
R8575	9DK001-50237	J	1k(F)	1/16W Chip1608	
R8576	9DK001-50185	J	10k	1/16W Chip1608	AA
R8578	9DK001-50165	J	100	1/16W Chip1608	AA
R8579	9DK001-50165	J	100	1/16W Chip1608	AA
R8580	9DK001-50165	J	100	1/16W Chip1608	AA
R8581	9DK001-50165	J	100	1/16W Chip1608	AA
R8582	9DK001-50150	J	10	1/16W Chip1608	AA
R8583	9DK001-50165	J	100	1/16W Chip1608	AA
R8584	9DK001-50165	J	100	1/16W Chip1608	AA
R8585	9DK001-50165	J	100	1/16W Chip1608	AA
R8586	9DK001-50165	J	100	1/16W Chip1608	AA
R8587	9DK001-50165	J	100	1/16W Chip1608	AA
R8588	9DK001-50118	J	470	1/10W Chip2125	AB
R8589	9DK001-50183	J	4.7k	1/16W Chip1608	AA
R8590	9DK001-50165	J	100	1/16W Chip1608	AA
R8591	9DK001-50183	J	4.7k	1/16W Chip1608	AA
R8592	9DK001-50183	J	4.7k	1/16W Chip1608	AA
R8593	9DK001-50181	J	3.3k	1/16W Chip1608	AA
R8594	9DK001-50156	J	3.3k(F)	1/16W Chip1608	AB
R8595	9DK001-50149	J	0	1/16W Chip1608	AB
R8597	9DK001-50159	J	22	1/16W Chip1608	AA
R8598	9DK001-50159	J	22	1/16W Chip1608	AA
R8599	9DK001-50159	J	22	1/16W Chip1608	AA
R8600	9DK001-50159	J	22	1/16W Chip1608	AA
R8601	9DK001-50159	J	22	1/16W Chip1608	AA
R8602	9DK001-50159	J	22	1/16W Chip1608	AA
R8603	9DK001-50159	J	22	1/16W Chip1608	AA
R8604	9DK001-50159	J	22	1/16W Chip1608	AA
R8605	9DK001-50185	J	10k	1/16W Chip1608	AA
R8606	9DK001-50207	J	6.8k	1/16W Chip1608	AA
R8607	9DK001-50185	J	10k	1/16W Chip1608	AA
R8608	9DK001-50177	J	1k	1/16W Chip1608	AA
R8609	9DK001-50177	J	1k	1/16W Chip1608	AA
R8610	9DK001-50149	J	0	1/16W Chip1608	AB
R8611	9DK001-50165	J	100	1/16W Chip1608	AA
R8613	9DK001-50212	J	100k	1/16W Chip1608	AA
R8614	9DK001-50149	J	0	1/16W Chip1608	AB
R8615	9DK001-50156	J	3.3k	1/16W Chip1608	AB
R8616	9DK001-50238	J	6.8k(F)	1/16W Chip1608	
R8618	9DK001-50212	J	100k	1/16W Chip1608	AA
R8621	9DK001-50177	J	1k	1/16W Chip1608	AA
R8622	9DK001-50177	J	1k	1/16W Chip1608	AA
R8623	9DK001-50177	J	1k	1/16W Chip1608	AA
R8624	9DK001-50185	J	10k	1/16W Chip1608	AA
R8625	9DK001-50177	J	1k	1/16W Chip1608	AA
R8626	9DK001-50177	J	1k	1/16W Chip1608	AA
R8627	9DK001-50185	J	10k	1/16W Chip1608	AA
R8628	9DK001-50177	J	1k	1/16W Chip1608	AA
R8629	9DK001-50177	J	1k	1/16W Chip1608	AA
R8630	9DK001-50177	J	1k	1/16W Chip1608	AA
R8631	9DK001-50177	J	1k	1/16W Chip1608	AA
R8632	9DK001-50177	J	1k	1/16W Chip1608	AA
R8633	9DK001-50177	J	1k	1/16W Chip1608	AA
R8634	9DK001-50177	J	1k	1/16W Chip1608	AA
R8635	9DK001-50177	J	1k	1/16W Chip1608	AA
R8637	9DK001-50159	J	22	1/16W Chip1608	AA
R8638	9DK001-50165	J	100	1/16W Chip1608	AA
R8640	9DK001-50162	J	56	1/16W Chip1608	AA
R8641	9DK001-50162	J	56	1/16W Chip1608	AA
R8642	9DK001-50162	J	56	1/16W Chip1608	AA
R8643	9DK001-50162	J	56	1/16W Chip1608	AA
R8644	9DK001-50162	J	56	1/16W Chip1608	AA
R8645	9DK001-50162	J	56	1/16W Chip1608	AA
R8646	9DK001-50162	J	56	1/16W Chip1608	AA
R8647	9DK001-50177	J	1k	1/16W Chip1608	AA
R8648	9DK001-50159	J	22	1/16W Chip1608	AA
R8649	9DK001-50159	J	22	1/16W Chip1608	AA
R8650	9DK001-50177	J	1k	1/16W Chip1608	AA
R8651	9DK001-50177	J	1k	1/16W Chip1608	AA
R8652	9DK001-50177	J	1k	1/16W Chip1608	AA
R8653	9DK001-50177	J	1k	1/16W Chip1608	AA
R8655	9DK001-50235	J	220	1/4W Chip3216	
R8656	9DK001-50165	J	100	1/16W Chip1608	AA
R8659	9DK001-50185	J	10k	1/16W Chip1608	AA
R8660	9DK001-50185	J	10k	1/16W Chip1608	AA
R8661	9DK001-50165	J	100	1/16W Chip1608	AA
R8662	9DK001-50235	J	220	1/4W Chip3216	
R8664	9DK001-50185	J	10k	1/16W Chip1608	AA
R8665	9DK001-50185	J	10k	1/16W Chip1608	AA
R8666	9DK001-50185	J	10k	1/16W Chip1608	AA
R8667	9DK001-50165	J	100	1/16W Chip1608	AA
R8669	9DK001-50185	J	10k	1/16W Chip1608	AA
R8670	9DK001-50185	J	10k	1/16W Chip1608	AA
R8671	9DK001-50235	J	220	1/4W Chip3216	
R8672	9DK001-50185	J	10k	1/16W Chip1608	AA
R8673	9DK001-50185	J	10k	1/16W Chip1608	AA
R8674	9DK001-50185	J	10k	1/16W Chip1608	AA
R8675	9DK001-50235	J	220	1/4W Chip3216	
R8676	9DK001-50185	J	10k	1/16W Chip1608	AA
R8677	9DK001-50185	J	10k	1/16W Chip1608	AA
R8678	9DK001-50235	J	220	1/4W Chip3216	
R8679	9DK001-50185	J	10k	1/16W Chip1608	AA
R8680	9DK001-50185	J	10k	1/16W Chip1608	AA
R8681	9DK001-50150	J	10	1/16W Chip1608	AA
R8682	9DK001-50165	J	100	1/16W Chip1608	AA
R8684	9DK001-50150	J	10	1/16W Chip1608	AA
R8685	9DK001-50246	J	39k	1/16W Chip1608	
R8686	9DK001-50150	J	10	1/16W Chip1608	AA
R8687	9DK001-50150	J	10	1/16W Chip1608	AA

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PC I/F UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R8688	9DK001-50150	J	10	1/16W	Chip1608	AA
R8689	9DK001-50150	J	10	1/16W	Chip1608	AA
R8690	9DK001-50150	J	10	1/16W	Chip1608	AA
R8700	9DK001-50241	J	1.5k	1/16W	Chip1608	
R8701	9DK001-50179	J	2.2k	1/16W	Chip1608	AA
R8703	9DK001-50149	J	0	1/16W	Chip1608	AB
R8704	9DK001-50165	J	100	1/16W	Chip1608	AA
R8708	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8711	9DK001-50111	J	75	1/4W	Chip3216	AB
R8712	9DK001-50111	J	75	1/4W	Chip3216	AB
R8713	9DK001-50111	J	75	1/4W	Chip3216	AB
R8714	9DK001-50113	J	0	1/4W	Chip3216	AB
R8719	9DK001-50113	J	0	1/4W	Chip3216	AB
R8720	9DK001-50209	J	27k	1/16W	Chip1608	AA
R8722	9DK001-50171	J	330	1/16W	Chip1608	AA
R8723	9DK001-50186	J	22k	1/16W	Chip1608	AA
R8725	9DK001-50177	J	1k	1/16W	Chip1608	AA
R8726	9DK001-50149	J	0	1/16W	Chip1608	AB
R8727	9DK001-50209	J	27k	1/16W	Chip1608	AA
R8728	9DK001-50171	J	330	1/16W	Chip1608	AA
R8729	9DK001-50186	J	22k	1/16W	Chip1608	AA
R8730	9DK001-50177	J	1k	1/16W	Chip1608	AA
R8731	9DK001-50113	J	0	1/4W	Chip3216	AB
R8733	9DK001-50209	J	27k	1/16W	Chip1608	AA
R8734	9DK001-50171	J	330	1/16W	Chip1608	AA
R8735	9DK001-50186	J	22k	1/16W	Chip1608	AA
R8736	9DK001-50177	J	1k	1/16W	Chip1608	AA
R8737	9DK001-50197	J	2.7k(F)	1/16W	Chip1608	AB
R8738	9DK001-50197	J	2.7k(F)	1/16W	Chip1608	AB
R8739	9DK001-50177	J	1k	1/16W	Chip1608	AA
R8740	9DK001-50244	J	3.9k	1/16W	Chip1608	
R8741	9DK001-50211	J	56k	1/16W	Chip1608	AA
R8742	9DK001-50211	J	56k	1/16W	Chip1608	AA
R8743	9DK001-50211	J	56k	1/16W	Chip1608	AA
R8744	9DK001-50211	J	56k	1/16W	Chip1608	AA
R8745	9DK001-50165	J	100	1/16W	Chip1608	AA
R8746	9DK001-50169	J	220	1/16W	Chip1608	AA
R8747	9DK001-50169	J	220	1/16W	Chip1608	AA
R8748	9DK001-50169	J	220	1/16W	Chip1608	AA
R8749	9DK001-50236	J	910(F)	1/16W	Chip1608	
R8751	9DK001-50149	J	0	1/16W	Chip1608	AB
R8752	9DK001-50149	J	0	1/16W	Chip1608	AB
R8753	9DK001-50149	J	0	1/16W	Chip1608	AB
R8755	9DK001-50149	J	0	1/16W	Chip1608	AB
R8757	9DK001-50150	J	10	1/16W	Chip1608	AA
R8760	9DK001-50150	J	10	1/16W	Chip1608	AA
R8761	9DK001-50149	J	0	1/16W	Chip1608	AB
R8762	9DK001-50149	J	0	1/16W	Chip1608	AB
R8763	9DK001-50149	J	0	1/16W	Chip1608	AB
R8764	9DK001-50226	J	0	1/2W	Chip4532	
R8804	9DK001-50225	J	0	1W	Chip6432	
R8805	9DK001-50225	J	0	1W	Chip6432	
R8808	9DK001-50150	J	10	1/16W	Chip1608	AA
R8809	9DK001-50227	J	0.47	1/2W	Chip4532	
R8812	9DK001-50154	J	2.2k(F)	1/16W	Chip1608	AB
R8813	9DK001-50149	J	0	1/16W	Chip1608	AB
R8901	9DK001-50181	J	3.3k	1/16W	Chip1608	AA
R8910	9DK001-50181	J	3.3k	1/16W	Chip1608	AA
R8916	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8917	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8918	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8919	9DK001-50181	J	3.3k	1/16W	Chip1608	AA
R8920	9DK001-50194	J	0	1/16W	Chip1608	AB
R8924	9DK001-50149	J	0	1/16W	Chip1608	AB
R8925	9DK001-50149	J	0	1/16W	Chip1608	AB
R8926	9DK001-50149	J	0	1/16W	Chip1608	AB
R8927	9DK001-50149	J	0	1/16W	Chip1608	AB
R8928	9DK001-50149	J	0	1/16W	Chip1608	AB
R8929	9DK001-50149	J	0	1/16W	Chip1608	AB
R8930	9DK001-50230	J	18	1/4W	Chip3216	
R8931	9DK001-50230	J	18	1/4W	Chip3216	
R8932	9DK001-50230	J	18	1/4W	Chip3216	
R8933	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8934	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8935	9DK001-50149	J	0	1/16W	Chip1608	AB
R8936	9DK001-50149	J	0	1/16W	Chip1608	AB
R8937	9DK001-50149	J	0	1/16W	Chip1608	AB
R8938	9DK001-50149	J	0	1/16W	Chip1608	AB
R8939	9DK001-50149	J	0	1/16W	Chip1608	AB
R8940	9DK001-50149	J	0	1/16W	Chip1608	AB
R8941	9DK001-50150	J	10	1/16W	Chip1608	AA
R8943	9DK001-50149	J	0	1/16W	Chip1608	AB
R8944	9DK001-50111	J	75	1/4W	Chip3216	AB
R8945	9DK001-50111	J	75	1/4W	Chip3216	AB
R8946	9DK001-50111	J	75	1/4W	Chip3216	AB
R8963	9DK001-50242	J	1.6k	1/16W	Chip1608	

SWITCH

S9001	9DK001-70011	J	Slide Switch SSSS712-ZC-B	AM

MISCELLANEOUS PARTS

⚠ F8001	9DK001-99033	J	1.6A 125V Chip	
FB8001	9DK001-81051	J	Inductor BLM31B601SPT	
P8003	9DK001-60048	J	Connector, 20-pin TKC-F20P-E3	
P8004	9DK001-60048	J	Connector, 20-pin TKC-F20P-E3	
P8011	9DK001-60043	J	Connector, 3-pin (DC) 53261-0310	
P8012	9DK001-60046	J	Connector, 15-pin (PA) S15B-EH	
P8013	9DK001-60044	J	Connector, 4-pin (PB) 53261-0410	
P8021	9DK001-60044	J	Connector, 4-pin (DB) 53261-0410	
P8031	9DK001-60045	J	Connector, 3-pin (RC) S3B-ZR-SM3A-TF	
P8503	9DK001-60042	J	Connector, 100-pin 176372-4	
P8504	9DK001-60047	J	Connector, 19-pin 19P-215S-1.25FJ	
SC8001	9DK001-60041	J	Connector, 60-pin (CON2) KX15-60K2DI	
SC8002	9DK001-60041	J	Connector, 60-pin KX15-60K2DI	
TP8001	9DK001-84014	J	Lug, Test Point	AE
TP8002	9DK001-84014	J	Lug, Test Point	AE
TP8003	9DK001-84014	J	Lug, Test Point	AE
TP8004	9DK001-84014	J	Lug, Test Point	AE
TP8005	9DK001-84014	J	Lug, Test Point	AE
TP8006	9DK001-84014	J	Lug, Test Point	AE
TP8007	9DK001-84014	J	Lug, Test Point	AE
TP8008	9DK001-84014	J	Lug, Test Point	AE
TP8009	9DK001-84014	J	Lug, Test Point	AE
TP8010	9DK001-84014	J	Lug, Test Point	AE

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PC I/F (SUB UNIT-1)

INTEGRATED CIRCUITS

IC8905	9DK001-12074	J	GAL16LV8C-7LJ	
IC8907	9DK001-12060	J	TC74LCX74FT	AN
IC8908	9DK001-12075	J	SN74LVC112APW	

CAPACITORS

C8911	9DK001-42094	J	0.1	25V	Ceramic		AC
C8913	9DK001-42094	J	0.1	25V	Ceramic		AC
C8914	9DK001-42094	J	0.1	25V	Ceramic		AC
C8915	9DK001-42118	J	10	25V	Ceramic		

RESISTORS

R8951	9DK001-50179	J	2.2k	1/16W	1608Chip		AA
R8952	9DK001-50179	J	2.2k	1/16W	1608Chip		AA
R8953	9DK001-50149	J	0	1/16W	1608Chip		AB
R8954	9DK001-50149	J	0	1/16W	1608Chip		AB
R8956	9DK001-50149	J	0	1/16W	1608Chip		AB
R8957	9DK001-50179	J	2.2k	1/16W	1608Chip		AA

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PC I/F (SUB UNIT-2)

COILS

L8014	9DK001-81053	J	Peaking 4.7µH D62F-4R7M	
L8015	9DK001-81053	J	Peaking 4.7µH D62F-4R7M	

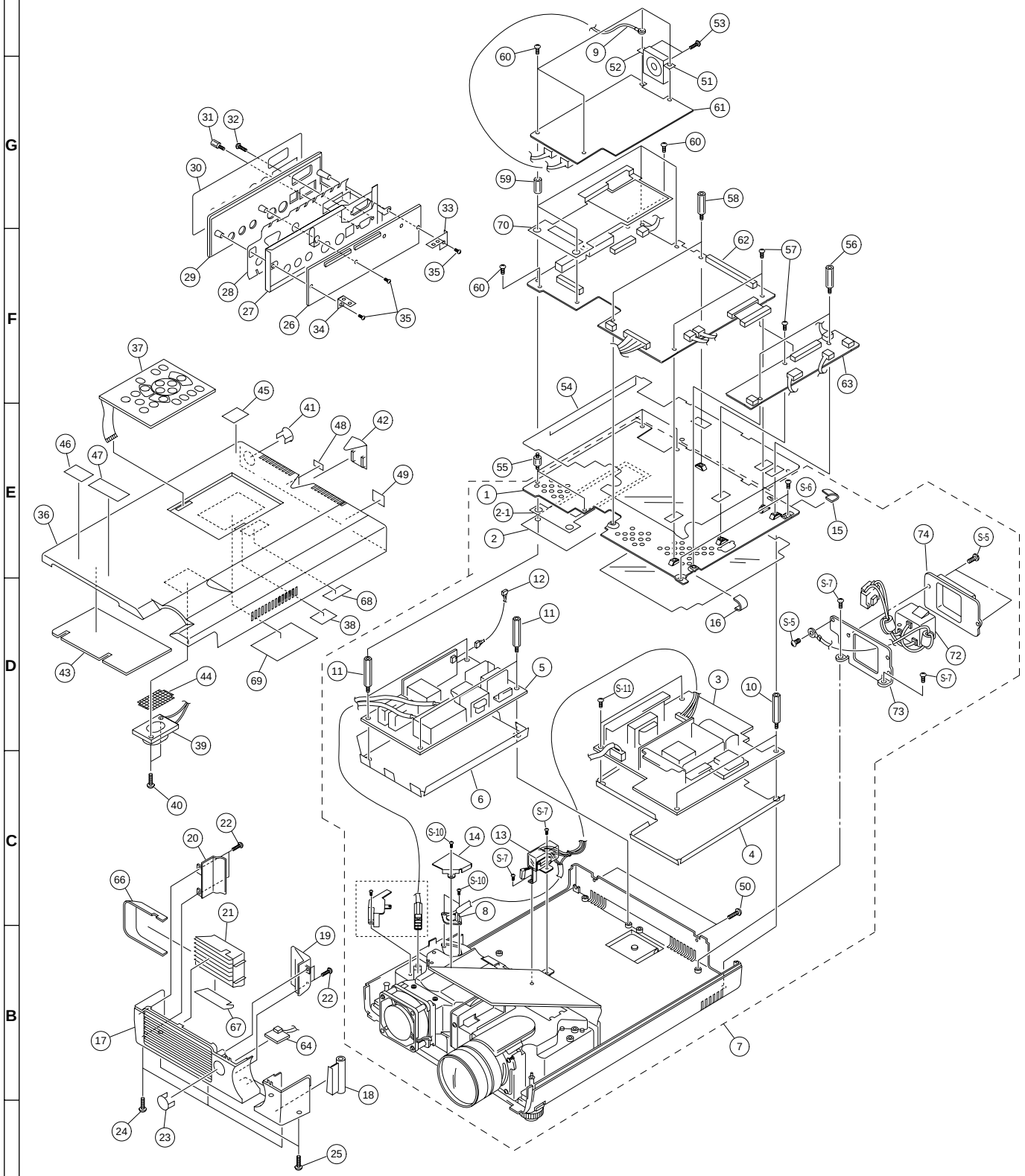
MISCELLANEOUS PARTS

⚠ F8002	9DK001-99034	J	1.25A	125V	Chip	
⚠ F8003	9DK001-99034	J	1.25A	125V	Chip	
⚠ F8004	9DK001-99034	J	1.25A	125V	Chip	

CABINET AND MECHANICAL PARTS (1/2)

1	9FU768812600	J	Power Plate	BC
2	9FU768813100	J	Insulating Sheet	BK
2-1	*Not Available*	–	Shield-2	—
⚠ 3	9FU768813500	J	Power Unit with Inter Lock	DE
4	9FU768813200	J	Insulating Cover	AT
⚠ 5	9FU768098154	J	Ballast Unit	CY
6	9FU768813000	J	Insulating Cover	AT
7	CCHSK0076CE01	J	DMD Shassis Ass'y (With Optics, Lamp, Power, Ballast Units and Bottom Cabinet.)	HF
⚠ 8	9FU768521000	J	Bimetal	AM
9	RH-HZ0048CEZZ	J	Thermistor (TI)	AN
10	9FU768812700	J	Shaft, x2	AK
11	9FU768816100	J	Shaft, x4	AG
12	9FU768521000	J	"DC" Cable	AM
13	*Not Available*	–	Inter Lock Ass'y (Power Unit)	—
14	9FU768816600	J	Bimetal Cover	AY
15	PSPAH0640CE00	J	Sheet	
16	PSPAT0048CEZZ	J	Teflon Tape	
17	DBDYF1110CEK1	J	Front Cabinet	AX
18	LHLDZ2134CEKZ	J	Boss	AE
19	PDUC-0096CEKZ	J	Duct-A	AE
20	PDUC-0097CEKZ	J	Duct-B	AE
21	PDUC-0103CEK0	J	Exhaust Duct	AH
22	XEBSD30P08000	J	Screw, x4	AA
23	GCOVA1830CEKA	J	R/C Cover, Front	AD
24	XBBSD30P08000	J	Screw, x3	AA
25	XBBSN30P06000	J	Screw, x2	AA
26	*Not Available*	–	Terminal Unit	—
27	PSLDM1000CEFW	J	Shield	AG
28	PSLDM1001CEFW	J	Earth Spring	AH
29	HPNLC1726CEKA	J	Terminal Cover	AK
30	HiNDP5417CESA	J	Indication Sheet	AF
31	NSFTZ0134CEFW	J	Shaft, x2	AD
32	XBPSN26P06000	J	Screw, x2	AA
33	LANGT3279CEFW	J	Angle-A	AE
34	LANGT3280CEFW	J	Angle-B	AE
35	XEBSF26P10000	J	Screw, x3	AA
36	DBDYT1164CE01	J	Top Cabinet	BY
37	QSW-Z0520CEZZ	J	Operation Key Unit	BB
38	PSPAH0639CE00	J	Spacer	AC
39	VSP3622P-488D	J	Speaker	AS
40	XBPSD30P06000	J	Scerw, x2	AA
41	GCOVA1829CEKA	J	IR R/C Cover	AF
42	GCOVA1831CEKA	J	R/C Cover, Rear	AD
43	PSLDH8000CEKZ	J	Shild, Top Cabinet	AQ
44	GNETC0174CEZZ	J	Speaker Net	AD
45	HiNDP5459CESA	J	IQ Label	AD
46	HiNDP5512CESA	J	Hot Caution Label	AC
47	HiNDP5405CESA	J	Lens Caution Label	AE
48	HiNDP5479CESA	J	Tranp Label	AD
49	HiNDP4590CESA	J	Label	AD
50	XBBSN30P06000	J	Screw, x2	AA
51	NFANR0104CE00	J	PC Fan	AW
52	LANGT9004CEFW	J	Angle	AE
53	XBPSD26P14000	J	Screw, x2	AA
54	PZETK0086CEKZ	J	Insulation Barrier	AH
55	NSHFTZ0148CEFW	J	Shaft, x4	AD
56	NSHFTZ0149CEFN	J	Shaft, x2	AD
57	XBPSD30P06R00	J	Screw, x3	AB
58	NSHFTZ0146CEFW	J	Shaft, x2	AD
59	NSHFTZ0147CEFN	J	Shaft, x4	AD
60	XBPSD26P06WS0	J	Screw	AA
61	*Not Available*	–	Main Unit	—
62	*Not Available*	–	PC I/F Unit	—
63	*Not Available*	–	Sound Out Unit	—
64	*Not Available*	–	R/C Receiver Unit	—
66	PMLT-0375CEZZ	J	Spacer (for Exhaust Duct)	
67	PSLDH8002CEKZ	J	Shield, Exhaust Duct	
68	PSPAT0020CEZZ	J	Teflon Tape	AD
69	PSPAT0024CEZZ	J	Teflon Tape	
70	PSLDM0118CEZZ	J	Shield-1	AQ
72	9FU768512000	J	Inlet Ass'y	BD
73	9FU176841305	J	Inlet Plate	AP
74	9FU768811000	J	Inlet Cover	AV
S-5	9FU951330430	J	Screw	AB
S-6	9FU951230550	J	Screw	AB
S-7	9FU951230620	J	Screw	
S-10	XEBSF26P06000	J	Screw, x3	AA
S-11	9FU953122350	J	Screw, x2	AC

CABINET AND MECHANICAL PARTS (1/2)

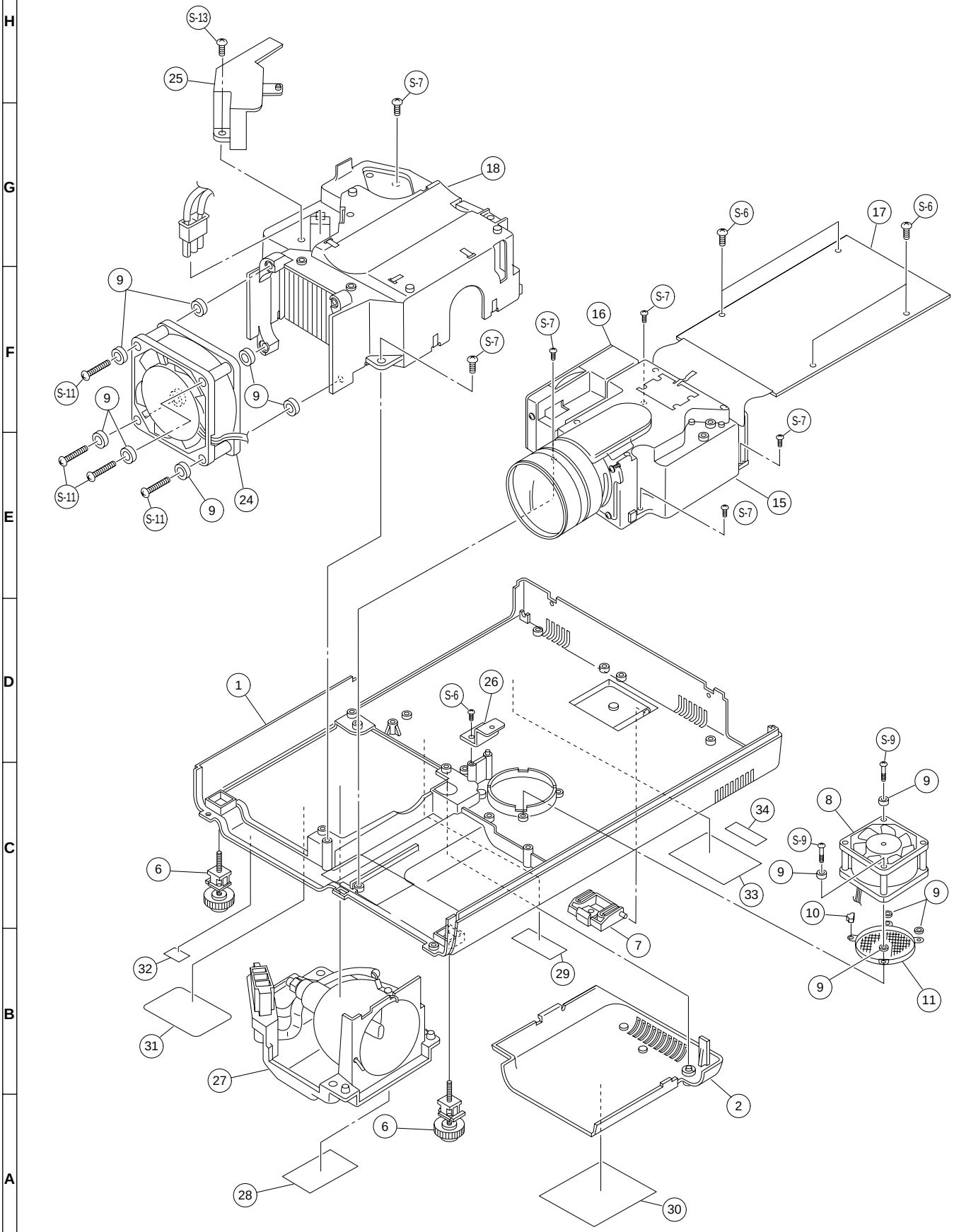


Ref. No.	Part No.	★	Description	Code

CABINET AND MECHANICAL PARTS (2/2)

1	9FU768810600	J	Bottom Cabinet	CE
2	9FU768098107	J	Lamp Cover Ass'y	BC
6	9FU768810800	J	Front Adjuster, x2	BA
7	9FU768098109	J	Rear Adjuster	AX
8	9FU768524100	J	Cooling Fan	BK
9	9FU768405000	J	Rubber Spacer, x13	AC
10	9FU768405200	J	Spacer	AD
11	HPNC-0458CESA	J	Fan Plate	AN
15	9FU768098100	J	Lens Base Ass'y	DP
16	9FU768091301	J	Color Wheel Unit	CK
17	9FU768550000	J	DMD/Driver Ass'y	
18	9FU768098112	J	Lamp House Unit	BM
24	9FU768815600	J	Fan Ass'y	BE
25	LHLDZ2109CEKZ	J	Socket Holder	AM
26	LANGK0697CEFW	J	Angle for Inter Lock	AF
27	BQC-XGNV7XU/1	J	Lamp Unit Ass'y	DB
28	TLABZ0710CEZZ	J	Caution Label	AD
29	HiNDP5416CESA	J	AC Indication	AD
30	HiNDP5436CESA	J	FCC Label	AD
31	HiNDP5415CESA	J	Caution Label	AD
32	HiNDP5517CESA	J	Hot Caution Label	AC
33	HiNDP5414CESA	J	Model Label	AD
34	HiNDP5418CEZZ	J	Serial No Label	AD
S-6	9FU951230550	J	Screw	AB
S-7	9FU951230620	J	Screw	
S-9	9FU951722350	J	Screw	AC
S-11	9FU953122350	J	Screw	AC
S-13	XEBSF30P08000	J	Screw	AA

CABINET AND MECHANICAL PARTS (2/2)

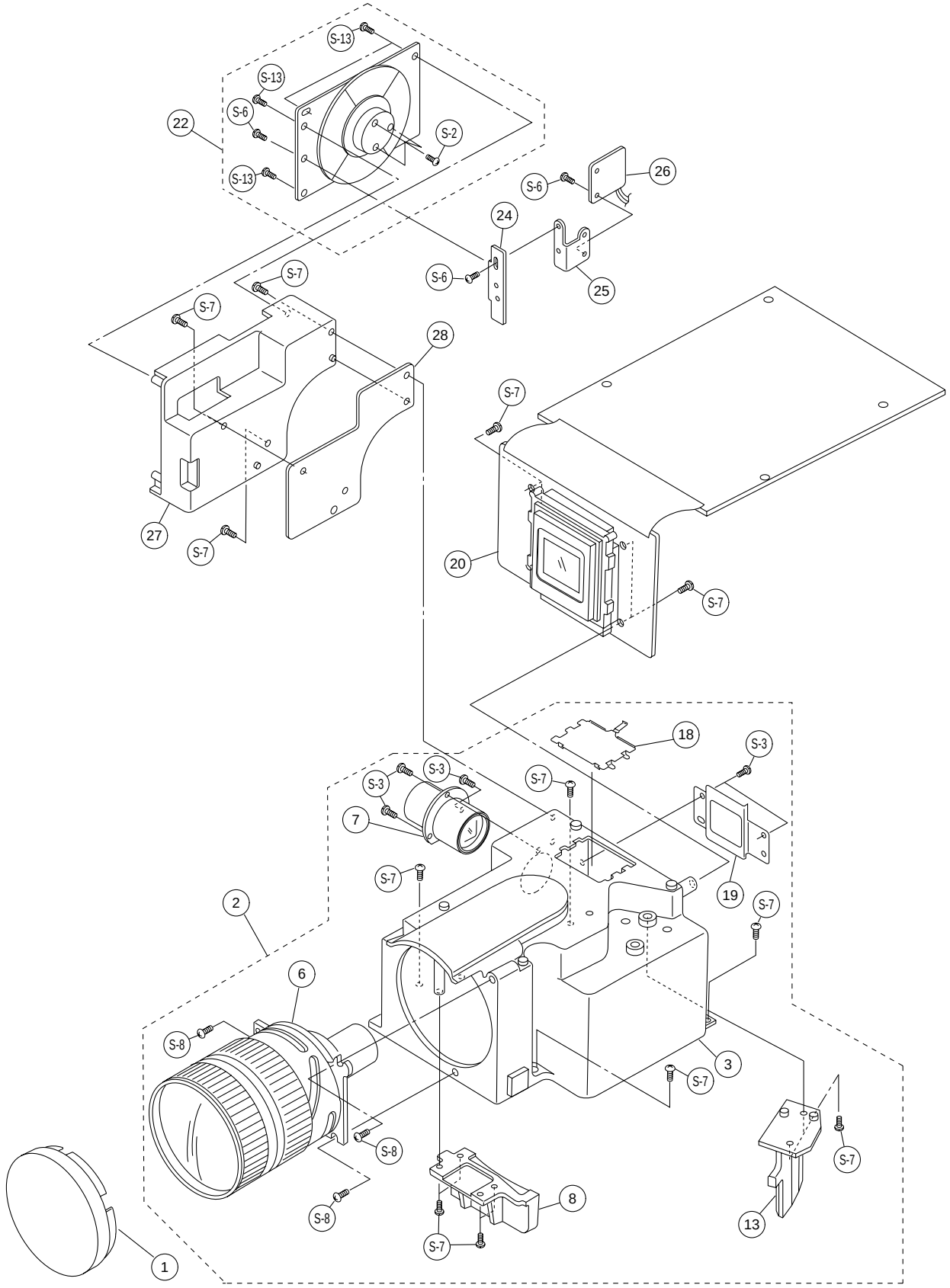


Ref. No.	Part No.	★	Description	Code

OPTICS MECHANISM PARTS

1	9FU768376000	J	Lens Cap	AN
2	9FU768098100	J	Optics Mecha. Ass'y	DP
3	9FU768081020	J	Optics Mecha. Base	BR
6	9FU768810100	J	Lens Unit	CV
7	9FU768091560	J	Condenser Lens	CA
8	9FU768091680	J	Spherical Mirror Ass'y	CA
13	9FU768091730	J	Cylinder Mirror Ass'y	CA
18	9FU176812606	J	Cover	AH
19	9FU176817505	J	Aperture	AU
20	9FU768550000	J	DMD/Driver Ass'y	
22	9FU768091301	J	Color Wheel Unit	CK
24	9FU176814805	J	Plate-B	AM
25	9FU176814705	J	Plate-A	AM
26	9FU768505000	J	Wheel Senser Ass'y	AZ
27	9FU768143000	J	Wheel Cover	AN
28	9FU768144000	J	Rubber Sheet	AF
S-2	XBSSF20P04000	J	Screw	AA
S-3	XBPSF20P05000	J	Screw	AA
S-6	9FU951230550	J	Screw	AB
S-7	9FU951230620	J	Screw	
S-8	XBPSF30P06000	J	Screw	AA
S-13	XEBSF30P08000	J	Screw	AA

OPTICS MECHANISM PARTS



Ref. No.	Part No.	★	Description	Code

SUPPLIED ACCESSORIES

ACCESSORIES

⚠	QACCU5013CEZZ	J	AC Cord	AX
	QCNW-4870CEZZ	J	Computer Audio Cable	AQ
	QCNW-5112CEZZ	J	Mouse Control Serial Cable	AP
	QCNW-5113CEZZ	J	Mouse Control Cable for IBM PS/2	AN
	QCNW-5114CEZZ	J	Mouse Control Cable for Mac	AN
	QCNW-5288CEZZ	J	DIN-D-Sub RS-232C Cable	AM
	QCNW-5304CEZZ	J	Computer Cable	AV
	RUNTK0661CEZZ	J	Remote Mouse Receiver	BL
	RRMCG1530CESA	J	Wireless R/C Unit	BT
	9FU768376000	J	Lens Cap	AN
	UBNDT0012CEZZ	J	Lens Cap Strap	AE
	GCASN0003CEZZ	J	Carrying Bag	BM
	UDSKA0009CE01	J	CD-ROM	AQ
	TiNS-6786CEZZ	J	Operation Manual	AU
	TiNS-6787CEZZ	J	Quick Reference	AL
	TiNS-6788CEZZ	J	CD-ROM Quick Reference	AK
	TiNS-6888CEZZ	J	CD-ROM Manual	AP

ACCESSORIES (NOT REPLACEMENT ITEM)

	TCAUZ3050CEZZ	–	Soft Wear Caution	—
	TCAUZ3033CEZZ	–	Soft Waer Caution (CANADA)	—
	TCAUZ3046CEZZ	–	IrDA Driver Installation Instruction Sheet	—
	TGAN-1540CEZZ	–	Guarantee Card (U.S.A.)	—
	TGAN-1542CEZZ	–	Guarantee Card (CANADA)	—
	—	–	Two AA Size Batteries	—

Ref. No.	Part No.	★	Description	Code

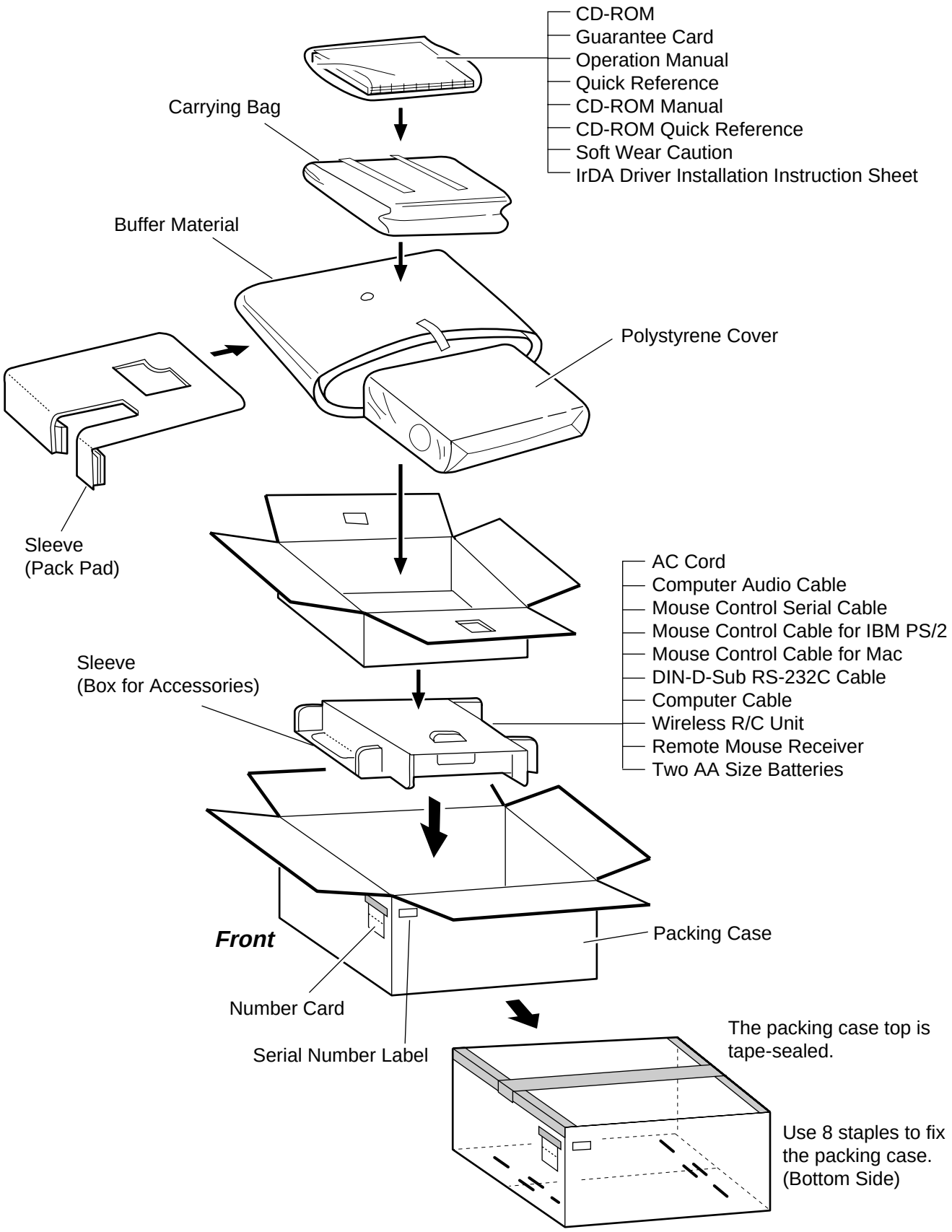
PACKING PARTS
(NOT REPLACEMENT ITEM)

	SPAKC5361CEZZ	–	Packing Case	—
	SPAKP0858CEZZ	–	Polystyrene Cover	—
	SPAKX2890CEZZ	–	Buffer Material	—
	SPAKF0425CEZZ	–	Sleeve(Box for Accessories)	—
	SPAKF0428CEZZ	–	Sleeve	—
	TLABK0001TAZZ	–	Number Card	—
	TLABN0157CEZZ	–	Serial Number Label	—

SERVICE JIGS
(Use for servicing)

	QCNW-5057CEZZ	J	Extension Cable 60-pin Main -PC I/F	CD
	QCNW-5412CEZZ	J	Extension Cable 100-pin PC I/F-Output	CG
	QCNW-5058CEZZ	J	Extension Cable 28-pin PC I/F-Terminal	CB
	PCOVN0009CEKZ	J	Service Cover	
	9FU768815710	J	Carring Case (DMD Unit) (Required for transporting the DMD/Driver assembly.)	

PACKING OF THE SET



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TQ0755-S
Oct. 1999 Printed in Japan
SY. KG

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